

DHC–6 TWIN OTTER
ALL SERIES

EMMA INSPECTION WORK CARDS

VIKING

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Revision 20 – Nov 30/18

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January 31, 2006

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December 10th, 2019

To: Distribution

Subject: PSM 1-6-7-IC, DHC-6 Twin Otter – EMMA Inspection Work Cards

Incorporate Temporary Revision 224, dated December 10, 2019.

1 Incorporate Temporary Revision (TR) 224 into PSM1-6-7-IC, as directed in the placement instructions on the cover page.

2 Update the Log of Temporary Revisions in the front of the manual.

Note: We recommend that this transmittal letter be kept for record purposes and inserted at the front of the manual.

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March 27th, 2019

To: Distribution

Subject: PSM 1-6-7-IC, DHC-6 Twin Otter – EMMA Inspection Work Cards

Incorporate Temporary Revision 223, dated March 26, 2019.

1 Incorporate Temporary Revision (TR) 223 into PSM1-6-7-IC, as directed in the placement instructions on the cover page.

2 Update the Log of Temporary Revisions in the front of the manual.

Note: We recommend that this transmittal letter be kept for record purposes and inserted at the front of the manual.

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November 30th, 2018

To: Distribution

Subject: PSM 1-6-7(IC), DHC-6 – All Series – EMMA Inspection Work Cards

Incorporate Revision 20, dated November 30, 2018

1 Revision 20 of PSM 1-6-7 (IC), EMMA Inspection Work Cards, is a complete re-issue, which incorporates all outstanding Temporary Revisions and numerous non-technical edits.

2 The following Temporary Revisions have been incorporated into Revision 20:

EMMA Card No. RA	TR 219
EMMA Card No. 1	TR 213
EMMA Card No. 8	TR 192
EMMA Card No. 11	TRs 214 & 215
EMMA Card No. 15	TRs 193, 216 & 222
EMMA Card No. 16	TR 194
EMMA Card No. 17	TR 211
EMMA Card No. 18	TRs 195, 196 & 203
EMMA Card No. 20	TR 205
EMMA Card No. 22	TR 217
EMMA Card No. 26	TR 188
EMMA Card No. FUN	TRs 204, 218 & 221
EMMA Card No. SP1	TR 208
EMMA Card No. SP2	TRs 206 & 210
EMMA Card No FL	TR 209
EMMA Card No MAND	TR 212
EMMA Card No. CORR	TR 219
EMMA Card No. YEAR 5 OF 5	TR 220

3 Remove and replace all the pages except the Record of Revisions and the Temporary Revisions Index.

Please Note: In EMMA Card No. 16, TR 158 is a non-incorporated TR and shall be retained in the manual.

4 Update the Temporary Revisions Index.

5 Record the insertion of this revision in the Record of Revisions at the front of the manual.

Note: We recommend that all transmittal letters be kept for record purposes and inserted at the front of the manual.

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June 28th, 2017

To: Distribution

Subject: PSM 1-6-7(IC), DHC-6 – All Series – EMMA Inspection Work Cards

Incorporate Revision 19, dated June 28, 2017

1 Remove and replace the Title page: PSM 1-6-7(IC), DHC-6 Twin Otter – EMMA Inspection Work Cards.

2 Remove and replace List of Effective Pages (LOEP) at the front of the manual.

3 Using the List of Effective Pages, incorporate the revised pages in the manual. Remove and destroy superseded pages.

4 Revision 19 incorporates numerous non-technical edits and the following outstanding Temporary Revisions:

EMMA Card No. RA	TRs 168 & 185
EMMA Card No. 1	TR 180
EMMA Card No. 9	TRs 169 & 181
EMMA Card No. 10	TR 162
EMMA Card No. 11	TR 184
EMMA Card No. 15	TRs 167, 174 & 186
EMMA Card No. 17	TR 175
EMMA Card No. 18	TRs 163 & 170
EMMA Card No. 30	TR 183
EMMA Card No. FUN	TR 182
EMMA Card No. SP1	TR 176
EMMA Card No. SP2	TR 177
EMMA Card No FL	TR 173
EMMA Card No. HE-LH	TR 164
EMMA Card No. HE-RH	TR 165
EMMA Card No. CT	TR 179
EMMA Card No CAL	TR 178

5 Update the Record of Temporary Revisions.

6 Record the insertion of this revision in the Record of Revisions at the front of the manual.

Note: We recommend that all transmittal letters be kept for record purposes and inserted at the front of the manual.

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January 7th, 2016

To: Distribution

Subject: PSM 1-6-7(IC), DHC-6 – All Series – EMMA Inspection Work Cards

Incorporate Revision 18, dated January 7, 2016.

1 Remove and replace the Title page: PSM 1-6-7(IC), DHC-6 Twin Otter – EMMA Inspection Work Cards.

2 Remove and replace List of Effective Pages (LOEP) at the front of the manual.

3 Using the List of Effective Pages, incorporate the revised pages in the manual. Remove and destroy superseded pages.

4 Revision 18 incorporates changes to support Phase 2A Avionics Upgrade, which includes the following Modifications and Special Order Options:

- Honeywell Apex Avionics Upgrade (Mod 6/2303)
- Series 400 AFCS (Autopilot) (S.O.O. 6221)
- ADS-B Out Transponders (Mod 6/2354)
- SBAS GPS Receivers (Mod 6/2304)
- ADS-B Out (S.O.O. 6347)
- 512 Word Flight Data Recorder (FDR) (Mod 6/2332)

5. Also included in this revision is the Electronic Standby Instrument System (ESIS) (Mod 6/2170).

6. Temporary Revision 161 has also been incorporated in Revision 18.

Please Note: Temporary Revision 158 is not incorporated in this revision

7 Update the Record of Temporary Revisions.

8 Record the insertion of this revision in the Record of Revisions at the front of the manual.

Note: We recommend that all transmittal letters be kept for record purposes and inserted at the front of the manual.

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August 21, 2015

To: Distribution

Subject: PSM 1-6-7(IC), DHC-6 – All Series – EMMA Inspection Work Cards

Incorporate Revision 17, dated August 21, 2015.

1 Remove and replace the Title page: PSM 1-6-7(IC), DHC-6 Twin Otter – EMMA Inspection Work Cards.

2 Remove and replace List of Effective Pages (LOEP) at the front of the manual.

3 Using the List of Effective Pages, incorporate the revised pages in the manual. Remove and destroy superseded pages.

4 Revision 17 incorporates numerous non-technical edits and the following outstanding Temporary Revisions:

INDEX CARD (1)	TR 156
INDEX CARD (2)	TR 157
EMMA Card No. RA	TR 155
EMMA Card No. 10	TRs 142 & 160
EMMA Card No. 15	TRs 143, 147 & 159
EMMA Card No. 16	TR 144
EMMA Card No. 17	TR 145
EMMA Card No. 27	TR 153
EMMA Card No. 28	TR 154
EMMA Card No. 30	TR 150
EMMA Card No. FUNCTION	TR 151

5 Update the Record of Temporary Revisions.

6 Record the insertion of this revision in the Record of Revisions at the front of the manual.

Note: We recommend that all transmittal letters be kept for record purposes and inserted at the front of the manual.

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April 16th, 2015

To: Distribution

Subject: PSM 1-6-7-IC, DHC-6 Twin Otter – EMMA Inspection Work Cards

Incorporate Temporary Revisions 158 and 159, dated April 16, 2015

1 Incorporate Temporary Revisions 158 and 159 into PSM1-6-7-IC, as directed in the placement instructions on the cover page of each TR.

2 Update the Log of Temporary Revisions in the front of the manual.

Note: We recommend that this transmittal letter be kept for record purposes and inserted at the front of the manual.

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March 31, 2014

To: Distribution

Subject: PSM 1-6-7-IC , DHC-6 – All Series – EMMA Inspection Work Cards

Incorporate Revision 16, dated March 31, 2014.

1. Revision 16 of PSM 1-6-7- IC, EMMA Inspection Work Cards, is a complete re-issue, which incorporates all outstanding Temporary Revisions and numerous non-technical edits.

2. The following Temporary Revisions have been incorporated into Revision 16:

Card Routine (A)	TR 121
Card No. 4	TR 141
Card No. 6	TR 130
Card No. 7	TR 131
Card No. 8	TR 132
Card No. 9	TR 116
Card No. 10	TR 134
Card No. 11	TR 109
Card No. 15	TR 133
Card No. 17	TRs 135 & 137

Card No. 18	TR 112
Card No. 20	TRs 118 & 138
Card No. 21	TR 139
Card No. 22	TR 129
Card No. 23	TR 119
Card No. 32	TR 128
Card No. FUNCTION	TR 125
Card No. SP2	TRs 123 & 124
Card No. FL	TR 136
Card No. SK	TR 120
Card No. CT	TR 110
Card No. CALENDAR	TRs 122 & 140
Card No. MAND	TR 111
Card No. ALERT 1	TR 127
Inspection Record	TR 126

3. Remove and replace all the pages except the Record of Revisions and the Temporary Revisions Index.

4. Update the Temporary Revisions Index.

5. Record the insertion of this revision in the Record of Revisions at the front of the manual.

Note: We recommend that all transmittal letters be kept for record purposes and inserted at the front of the manual.

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November 25, 2011

To: Distribution

Subject: PSM 1-6-7(IC), DHC-6 Twin Otter – All Series – EMMA Inspection Work Cards

Incorporate Revision 15 dated November 25, 2011.

1 Remove and replace the Title page: PSM 1-6-7(IC), DHC-6 Twin Otter – EMMA Inspection Work Cards.

2 Remove and replace List of Effective Pages (LOEP) at the front of the manual.

3 Using the List of Effective Pages, incorporate the revised pages in the manual. Remove and destroy superseded pages.

4 **Please Note:** Reversion Control Panel Switch operational test has been changed to an A Check.

5 **Please Note:** Replacement page 3 of 4 – Revision bar reinstated as per Revision 10 – not indicated on LOEP.

6 Temporary Revisions 102 to 106 have been incorporated in Revision 15.

7 Update the Record of Temporary Revisions.

8 Update the Record of Revisions.

Note: We recommend that all transmittal letters be kept for record purposes and inserted at the front of the manual.

PSM 1-6-7(IC)

DHC-6 EMMA CONTROLLED INSPECTION PROGRAM

Retain this record in the front of the manual. On receipt of revisions, insert revised pages in the manual and enter date inserted and initials against the appropriate Revision Number and Date.

Rev. No.	Revision Date	Insertion Date	By	Rev. No.	Revision Date	Insertion Date	By
1	15-Oct-74			17	21-Aug-15		
2	16-Aug-76			18	7-Jan-16		
3	22-Dec-76			19	28-Jun-17		
4	13-Jun-80			20	30-Nov-18	DEC 5, 2018	ATP/SS
5	14-May-82						
6	29-Apr-83						
7	5-Dec-85						
8	30-Jan-96						
9	1-May-00						
10	10-Jan-02						
11	25-Jan-04						
12	12-Mar-07						
13	24-Jun-10						
14	10-Dec-10						
15	25-Nov-11						
16	31-Mar-14						

RECORD OF REVISIONS

PSM 1-6-7(IC)

DHC-6 EMMA CONTROLLED INSPECTION PROGRAM

RECORD OF REVISIONS (CON'T)

Rev. No.	Revision Date	Insertion Date	By	Rev. No.	Revision Date	Insertion Date	By

RECORD OF REVISIONS

PSM 1-6-7 (IC)

DHC-6 EMMA CONTROL INSPECTION PROGRAM

TEMPORARY REVISION INDEX

Retain this index in the front of the manual. When Temporary Revisions are issued or cancelled, enter the relevant information in the columns below.

T.R. No.	Date	Date Removed	Subject Page No.	T.R. No.	Date	Date Removed	Subject Page No.
TR No.s 80, 83 & 84 Incorporated into Revision 9							
85	Dec 29/00	Jul 04/04	Card SP2 pg 3	101	14-Mar-08	16-July-10	Card Corr pgs 3&4
86	Dec 29/00	Jul 04/04	Card No. Calendar pg 1	102	3-JAN-11	25-NOV-11	Intro after pg.2
87	Dec 29/00	Feb 05/02	Card No. 16 pg 2	103	21-FEB-11	25-NOV-11	Card 15 face Card 16 pg.1
88	Dec 29/00	Jul 04/04	Introduction pg 2	104	21-FEB-11	25-NOV-11	Card 16 after pg.1
89	Dec 29/00	Jul 04/04	PSM1-6-7 (F!) ALL	105	21-FEB-11	25-NOV-11	Card 20 face Card 21 pg.1
90	Dec 29/00	Jul 04/04	Card No. CT PG 1	106	21-FEB-11	25-NOV-11	Card Func, after # 47
91	Dec 29/00	Jul 04/04	Card No. FL pg 2	107	CANCELLED		
92	Dec 29/00	Jul 04/04	Card No. C1 pg 1	108	08-DEC-11	15-May-13 Superseded by TR 123	Card SP2 before pg.1
93	Dec 29/00	Jul 04/04	Card No. MAND All	113	30-JAN-12	19-Aug-13 Superseded by TR 126	Insp.Record after pg.4
94	Dec 29/00	Jul 04/04	Card No.24 pg 1	114	30-JAN-12	19-Aug-13 Superseded by TR 126	Insp.Record after pg.8
95	Oct30/00	Jul 04/04	INDEX Card All	112	27-MAR-12	APR 7, 2014	Card 18 after pg.6
96	Jun 18/01	Feb 05/02	Card No. 40 All	115	27-MAR-12	17-OCT-13 Superseded by TR 140	Card Calendar face Card MAND pg.1
97	Jun 18/01	Feb 05/02	Card No. 41 All	116	30-MAY-12	APR 7, 2014	Card 9 after Card 8 pg.4
98	Jun 03/02	Jul 04/04	Card No.15 All	117	30-MAY-12	Superseded by TR 135	Card 17 face card 18 pg.1
99	Nov 09/04	Mar 26/07	EMMA SP 2 Pg 9	118	30-MAY-12	4/11/2014	Card 20 face Card 21 pg.1
100	15-Sep-08	Jul 16/10	Card No. SP1 pg 2	119	12-SEP-12	4/11/2014	CARD 23 before pg.1

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TEMPORARY REVISION INDEX

T.R. No.	Date	Date Removed	Subject Page No.	T.R. No.	Date	Date Removed	Subject Page No.
120	18-SEP-12	4/11/2014	Card SK before pg.1	129	05-Sep-13	4/11/2014	Card No. 22 after pg. 2
121	22-MAR-13	4/11/2014	Card.Routine (A) after pg 2	134	05-Sep-13	4/11/2014	Card No. 10 facing # 11
123	15-MAY-13 Supersedes TR 108	4/11/2014	Card SP2 before pg.1	135	05-Sep-13 Supersedes TR 117	4/11/2014	Card No. 17 facing #18
124	15-MAY-13	4/11/2014	Card No. FL facing pg. 1	138	17-OCT-13	4/11/2014	Card No. 20 After pg 2
125	15- MAY-13	4/11/2014	Card No. FUN after pg. 4	139	17-OCT-13	4/11/2014	Card No. 21 after pg 2
130	08-July-13	4/11/2014	Card No, 6 facing page 2	140	17-OCT-13 Supersedes TR 115	4/11/2014	Card No. CAL facing Card No. MAND pg 1
131	08-July-13	4/11/2014	Card No. 7 facing page 2	137	08-Nov-13	4/11/2014	Card 17 before pg 1
132	08-July-13	4/11/2014	Card No. 8 after page 2	141	08-Nov-13	4/11/2014	Card 4 facing Card5 pg 1
133	08-July-13	4/11/2014	Card No.15 facing page 7	138	10/17/2013	4/11/2014	Card 20 after page 2
109	12-Aug-13	4/11/2014	Card No. 11 before page 1	139	10/17/2013	4/11/2014	Card 21 after page 2
110	12-Aug-13	4/11/2014	Card No. CT before page 1	140	10/17/2013	4/11/2014	Card Calendar
111	12-Aug-13	4/11/2014	Card No. MAND facing page 5	142	5/30/2014	AUG 26, 2015	Card No. 10 facing Card No. 11, page 1
122	12-Aug-13	4/11/2014	Card No. Calendar after Card No. CI page 2	143	5/30/2014	AUG 26, 2015	Card No. 16 page 1
126	12-Aug-13	4/11/2014	Insp Record after page 4	144	5/30/2014	AUG 26, 2015	Card No. 16 after page 4
127	12-Aug-13	4/11/2014	Card No. Alert 1 after page 4	145	5/30/2014	AUG 26, 2015	Card No. 18 page 1
128	12-Aug-13	4/11/2014	Card No. 32 facing page 3	146	5/30/2014	8/18/2014	Card No. FUNCTION facing page 5
136	28-Aug-13	4/11/2014	Card No. FL before pg 1	147	5/30/2014	AUG 26, 2015	Card No. 15 facing page 3
150	8/8/2014	AUG 26, 2015	Card No. 30 before page 1	151	8/8/2014	AUG 26, 2015	Card No. FUNCTION facing page 5
152	9/23/2014	JAN 13, 2016	Card No. SP2 after page 10	153	9/23/2014	AUG 26, 2015	Card No.. 27 after page 2
154	9/23/2014	AUG 26, 2015	Card No. 28 after page 2				

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T.R. No.	Date	Date Removed	Subject Page No.	T.R. No.	Date	Date Removed	Subject Page No.
155	MAR 3, 2015	AUG 26, 2015	Card No. Routine A after page 2	173	NOV 1, 2016	JUN 30, 2017	Card No. FL
156	MAR 3, 2015	AUG 26, 2015	INDEX CARD 1 facing INDEX CARD 2	174	DEC 14, 2016	JUN 30, 2017	Card No. 15 facing page 5
157	MAR 3, 2015	AUG 26, 2015	INDEX CARD 2 after TR 156	175	DEC 23, 2016	JUN 30, 2017	Card No. 17
158	APR 16, 2015		Card No. 16 after page 2	176	DEC 23, 2016	JUN 30, 2017	Card No. SP1 after page 2
159	APR 16, 2015	AUG 26, 2015	Card No. 15 after page 4	177	DEC 23, 2016	JUN 30, 2017	Card No. SP2 facing page 3
160	APR 17, 2015	AUG 26, 2015	Card No. 10 before page 1	178	DEC 23, 2016	JUN 30, 2017	Card No. Calendar facing page 3
161	AUG 28, 2015	JAN 15, 2016	Card No. 3 before page 1	179	FEB 9, 2017	JUN 30, 2017	Card No. CT before page 1
162	JAN 25, 2016	JUN 30, 2017	Card No. 10 facing Card No. 11	180	FEB 9, 2017	JUN 30, 2017	Card No. 1 facing Card No. 2 page 1
163	JAN 25, 2016	JUN 30, 2017	Card No. 18 facing page 7	181	FEB 9, 2017	JUN 30, 2017	Card No. 9 facing page 3
164	FEB 19, 2016	JUN 30, 2017	Card No. HE-LH before page 1	182	MAY 5, 2017	JUN 30, 2017	Card No. Function facing page 5
165	FEB 19, 2016	JUN 30, 2017	Card No. HE-RH before page 1	183	MAY 5, 2017	JUN 30, 2017	Card No. 30 facing Card No. 31, page 1
166	MAY 24, 2016	MAY 9, 2017	Card No. Function facing page 5	184	MAY 5, 2017	JUN 30, 2017	Card No. 11 facing Card No. 12, page 1
167	MAY 24, 2016	JUN 30, 2017	Card No. 15 facing Card No. 16	185	JUN 12, 2017	JUN 30, 2017	Card No. Routine (A) after page 2
168	JUN 10, 2016	JUN 14, 2017	Card No. Routine A after page 2	186	JUN 12, 2017	JUN 30, 2017	Card No. Routine (A) after page 4 (TR 174)
169	JUN 10, 2016	JUN 30, 2017	Card No. 9 facing Card No. 10, page 1	187	SEP 1, 2017	APR 4, 2018	Card No. 20 before page 1
170	AUG 30, 2016	JUN 30, 2017	Card No. 18 facing page 5	188	SEP 1, 2017	DEC 5, 2018	Card No. 26 before page 1
171	NOV 1, 2016	JAN 19, 2017	Card No. 17	192	OCT 30, 2017	DEC 5, 2018	Card No. 8 after page 2
172	NOV 1, 2016	JAN 19, 2017	Card No. SP1 after page 2	193	OCT 30, 2017	DEC 5, 2018	Card No. 15 after page 4

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DHC-6 EMMA CONTROL INSPECTION PROGRAM

TEMPORARY REVISION INDEX

T.R. No.	Date	Date Removed	Subject Page No.	T.R. No.	Date	Date Removed	Subject Page No.
194	OCT 30, 2017	DEC 5, 2018	Card No. 16 after page 6	212	MAY 18, 2018	DEC 5, 2018	Card No. 17 before page 1
195	OCT 30, 2017	DEC 5, 2018	Card No. 18 after page 2	213	JUN 12, 2018	DEC 5, 2018	Card No. 1 facing Card No. 2, page 1
196	OCT 30, 2017	DEC 5, 2018	Card No. 18 after page 6	214	JUN 12, 2018	DEC 5, 2018	Card No. 11 before page 1
197	OCT 30, 2017	APR 4, 2018	Card No. SP2 after page 10	215	JUN 12, 2018	DEC 5, 2018	Card No. 11 facing Card No. 12, page 1
198	FEB 22, 2018	DEC 5, 2018	Card No. Routine (A after page 2	216	JUN 12, 2018	DEC 5, 2018	Card No. 15 facing Card No. 16, page 1
199	FEB 27, 2018	APR 17, 2018	Card No. 17 before page 1	217	JUN 12, 2018	DEC 5, 2018	Card No. 22 after page 2
200	FEB 27, 2018	APR 17, 2018	Card No. SP1 after page 2	218	JUN 12, 2018	DEC 5, 2018	Card No. Function facing Card No. SP1, page 1
201	FEB 27, 2018	APR 17, 2018	Card No. FL before page 1	219	JUN 12, 2018	DEC 5, 2018	Card No. CORR facing page 5
202	FEB 22, 2018	JUN 18, 2018	Card No. 15 facing Card No. 16	220	JUN 12, 2018	DEC 5, 2018	Card No. Year 5 of 5 before page 1
203	FEB 22, 2018	DEC 5, 2018	Card No. 18 after page 8	221	SEP 28, 2018	DEC 5, 2018	Card No. Function facing page 3
204	FEB 22, 2018	DEC 5, 2018	Card No. Function facing page 5	222	OCT 30, 2018	DEC 5, 2018	Card No. 15 before page 1
205	MAR 26, 2018	DEC 5, 2018	Card No. 20 before page 1	223	MAR 26, 2019		Card No. Routine E before page 1
206	MAR 26, 2018	DEC 5, 2018	Card No. SP2 after page 10	224	DEC 10, 2019		Card No. CT before page 1
207	MAR 28, 2018	MAY 25, 2018	Card No. 17 before page 1				
208	MAR 28, 2018	DEC 5, 2018	Card No. SP1 after page 2				
209	MAR 28, 2018	DEC 5, 2018	Card No. FL before page 1				
210	MAY 18, 2018	DEC 5, 2018	Card No. SP2 before page 1				
211	MAY 18, 2018	DEC 5, 2018	Card No. MAND after page 6				

DHC-6 TWIN OTTER
EMMA Controlled Inspection Program

LIST OF EFFECTIVE PAGES

On a revised page, the portion of the text and/or illustration affected by the latest technical revision is indicated by a black vertical line. A black vertical line against the date in the footer indicates a nontechnical correction and/or a text shift as a result of changes made on previous pages.

Reference	Page	Date
Cover Page	*1	Nov 30/18
Effective Pages	*1	Nov 30/18
	*2	Nov 30/18
	*3	Nov 30/18
	*4	Nov 30/18
Introduction	1	Jun 28/17
	2	Mar 31/14
	3	Mar 31/14
	4	Mar 31/14
	5	Mar 31/14
	6	Blank
Index (1)	1	Mar 31/14
	2	Aug 21/15
Index (2)	1	Aug 21/15
	2	Mar 31/14
Routine (A)	*1	Nov 30/18
	*2	Nov 30/18
	*3	Nov 30/18
	*4	Nov 30/18
Routine (E)	1	Mar 31/14
	2	Blank
01	*1	Nov 30/18
	*2	Nov 30/18
02	1	Aug 21/15
	2	Blank
03	1	Jan 7/16
	2	Blank
04	1	Mar 31/14
	2	Mar 31/14
05	1	Mar 31/14
	2	Blank
06	1	Mar 31/14
	*2	Nov 30/18
07	1	Mar 31/14
	*2	Nov 30/18
08	*1	Nov 30/18
	*2	Nov 30/18
	*3	Nov 30/18
	*4	Nov 30/18
09	1	Mar 31/14
	2	Jan 7/16
	3	Jun 28/17
	4	Jun 28/17
10	1	Jun 28/17
	*2	Nov 30/18
11	*1	Nov 30/18
	*2	Nov 30/18
	*3	Nov 30/18
	*4	Nov 30/18
12	1	Mar 31/14
	2	Mar 31/14
13	1	Mar 31/14
	2	Mar 31/14
14	1	Mar 31/14
	2	Mar 31/14
15	*1	Nov 30/18
	*2	Nov 30/18
	*3	Nov 30/18
	*4	Nov 30/18
	*5	Nov 30/18
	*6	Nov 30/18
	*7	Nov 30/18
	*8	Nov 30/18
	*9	Nov 30/18
	*10	Nov 30/18
16	*1	Nov 30/18
	*2	Nov 30/18
	*3	Nov 30/18
	*4	Nov 30/18
	*5	Nov 30/18
	*6	Nov 30/18
	*7	Nov 30/18
	*8	Nov 30/18
	*9	Nov 30/18
	*10	Blank

The asterisk (*) indicates pages revised, added or deleted by current revision.

LIST OF EFFECTIVE PAGES

Reference	Page	Date	Reference	Page	Date
17	*1	Nov 30/18	27	1	Mar 31/14
	*2	Nov 30/18		2	Mar 31/14
	*3	Nov 30/18		3	Aug 21/15
	*4	Nov 30/18		4	Blank
	*5	Nov 30/18			
	*6	Nov 30/18	28	1	Mar 31/14
				2	Mar 31/14
18	*1	Nov 30/18		3	Aug 21/15
	*2	Nov 30/18		4	Blank
	*3	Nov 30/18			
	*4	Nov 30/18	29	1	Mar 31/14
	*5	Nov 30/18		2	Mar 31/14
	*6	Nov 30/18			
	*7	Nov 30/18	30	1	Aug 21/15
	*8	Nov 30/18		2	Jun 28/17
	*9	Nov 30/18			
	*10	Nov 30/18	31	1	Mar 31/14
				2	Mar 31/14
19	*1	Nov 30/18			
	*2	Nov 30/18	32	1	Aug 21/15
				2	Jan 7/16
20	*1	Nov 30/18		3	Jan 7/16
	*2	Nov 30/18		4	Blank
	*3	Nov 30/18			
	*4	Blank	33	*1	Nov 30/18
				*2	Nov 30/18
21	1	Mar 31/14			
	*2	Nov 30/18	34	1	Mar 31/14
	*3	Nov 30/18		2	Mar 31/14
	4	Blank			
			35	*1	Nov 30/18
22	*1	Nov 30/18		2	Mar 31/14
	*2	Nov 30/18			
	*3	Nov 30/18	36	1	Mar 31/14
	*4	Blank		2	Mar 31/14
				3	Mar 31/14
23	*1	Nov 30/18		4	Blank
	*2	Nov 30/18			
	*3	Nov 30/18	37	1	Mar 31/14
	*4	Nov 30/18		2	Mar 31/14
				3	Mar 31/14
24	1	Mar 31/14		4	Blank
	2	Mar 31/14			
			38	1	Mar 31/14
25	1	Mar 31/14		2	Blank
	*2	Nov 30/18			
			39	1	Mar 31/14
26	*1	Nov 30/18		2	Blank
	*2	Nov 30/18			
	*3	Nov 30/18	40	*1	Nov 30/18
	*4	Nov 30/18		*2	Nov 30/18
				*3	Nov 30/18
				*4	Blank

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EFFECTIVE PAGES

LIST OF EFFECTIVE PAGES

Reference	Page	Date	Reference	Page	Date
41	*1	Nov 30/18	FL	*1	Nov 30/18
	*2	Nov 30/18		*2	Nov 30/18
	*3	Nov 30/18		*3	Nov 30/18
	*4	Blank		4	Blank
42	1	Mar 31/14	SK	*1	Nov 30/18
	2	Mar 31/14		*2	Nov 30/18
				*3	Nov 30/18
43	1	Mar 31/14		*4	Nov 30/18
	2	Mar 31/14		*5	Nov 30/18
				*6	Nov 30/18
44	*1	Nov 30/18			
	*2	Nov 30/18	HE-LH	1	Jun 28/17
				2	Blank
45	1	Mar 31/14			
	2	Jun 28/17	HE-RH	1	Jun 28/17
				2	Blank
46	1	Mar 31/14			
	2	Blank	CT	*1	Nov 30/18
				*2	Nov 30/18
47	1	Mar 31/14		*3	Nov 30/18
	2	Blank		4	Blank
Function	1	Jun 28/17	CI	*1	Nov 30/18
	*2	Nov 30/18		2	Mar 31/14
	3	Jun 28/17			
	*4	Nov 30/18	Calendar	1	Jan 7/16
	*5	Nov 30/18		*2	Nov 30/18
	*6	Nov 30/18		3	Jun 28/17
				4	Jun 28/17
SP 1	1	Jun 28/17		5	Jan 7/16
	*2	Nov 30/18		6	Blank
	*3	Nov 30/18			
	*4	Nov 30/18	MAND	1	Mar 31/14
	*5	Nov 30/18		*2	Nov 30/18
	*6	Nov 30/18		*3	Nov 30/18
	*7	Nov 30/18		*4	Nov 30/18
	8	Blank		*5	Nov 30/18
				*6	Nov 30/18
SP 2	*1	Nov 30/18		*7	Nov 30/18
	*2	Nov 30/18		8	Blank
	*3	Nov 30/18			
	*4	Nov 30/18	CORR	1	Aug 21/15
	*5	Nov 30/18		2	Aug 21/15
	*6	Nov 30/18		3	Aug 21/15
	*7	Nov 30/18		*4	Nov 30/18
	*8	Nov 30/18		*5	Nov 30/18
	*9	Nov 30/18		*6	Nov 30/18
	*10	Nov 30/18		*7	Nov 30/18
	*11	Nov 30/18		*8	Nov 30/18
	*12	Nov 30/18		*9	Nov 30/18

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LIST OF EFFECTIVE PAGES

Reference	Page	Date
CORR	*10	Nov 30/18
(Cont'd)	*11	Nov 30/18
	*12	Nov 30/18
	*13	Nov 30/18
	*14	Blank
Year 1 of 5	1	Mar 31/14
	2	Mar 31/14
	3	Mar 31/14
	4	Blank
Year 2 of 5	1	Mar 31/14
	2	Mar 31/14
	*3	Nov 30/18
	*4	Nov 30/18
Year 3 of 5	1	Mar 31/14
	2	Mar 31/14
	*3	Nov 30/18
	*4	Nov 30/18
Year 4 of 5	1	Mar 31/14
	2	Mar 31/14
	3	Mar 31/14
	4	Mar 31/14
Year 5 of 5	*1	Nov 30/18
	*2	Nov 30/18
	*3	Nov 30/18
	*4	Blank
ALERT 1	1	Mar 31/14
	2	Mar 31/14
	*3	Nov 30/18
	*4	Nov 30/18
	*5	Nov 30/18
	*6	Nov 30/18
	*7	Nov 30/18
	*8	Nov 30/18
	*9	Nov 30/18
	10	Jan 7/16
	11	Mar 31/14
	12	Mar 31/14
	*13	Nov 30/18
	*14	Nov 30/18
ALERT 2	*1	Nov 30/18
	*2	Nov 30/18
	*3	Nov 30/18
	*4	Nov 30/18
	*5	Nov 30/18
	*6	Nov 30/18
ALERT 2	*7	Nov 30/18
(Cont'd)	*8	Nov 30/18
Inspection Record	1	Mar 31/14
	2	Mar 31/14
	3	Mar 31/14
	4	Mar 31/14
	5	Mar 31/14
	6	Jun 28/17
	7	Mar 31/14
	8	Mar 31/14
	9	Mar 31/14
	10	Mar 31/14
	11	Mar 31/14
	*12	Nov 30/18
Discrepancy	1	Mar 31/14
Report	2	Blank
Replacement	1	Mar 31/14
Record	2	Blank

The asterisk (*) indicates pages revised, added or deleted by current revision.

EFFECTIVE PAGES

DHC-6 TWIN OTTER
EMMA Controlled Inspection Program

PREVENTIVE MAINTENANCE PACKAGE
(EMMA Controlled Inspection Program)
INTRODUCTION

The inspection requirements contained in the Work cards are based on the requirements specified in PSM 1-6-7 and are identical in scope and frequency.

To achieve equalization, a number of inspection items have been brought forward, i.e., will be accomplished earlier than specified by PSM 1-6-7 during the first cycle. However, from the second cycle onward, the intervals at which the inspections are performed will remain constant and in line with PSM 1-6-7.

NOTE: **To enable the work cards to be used by operators that do not require an equalized schedule, provision is made for card selection by flying hour intervals.**

The introductory paragraphs, including Basis for Requirements, Scope, Supporting Reference Documents, Definitions, etc., as detailed in PSM 1-6-7, apply also to the EMMA controlled inspection program.

Future revisions will be issued simultaneously, where applicable, to PSM 1-6-7 and PSM 1-6-7 (E) to ensure compatibility at all times, and active subscription holders will receive copies without request.

PACKAGE CONTENT

The Preventive Maintenance Package consists of a set of Inspection Work Cards, Maintenance Record Forms and Wall Type Reference Diagrams. The complete package PSM 1-6-7 (E) contains Maintenance Forms for one inspection cycle (6000 hrs); additional forms, etc., may be purchased individually, when required, under the part numbers listed below:

ITEM	P/N
Complete Package (EMMA)	PSM 1-6-7 (E)
Inspection Work Cards	PSM 1-6-7 (IC)
Area Diagram	PSM 1-6-7 (D1)
Access and Inspection Panels Diagram	PSM 1-6-7 (D2)
Lubrication Diagram	PSM 1-6-7 (D3)
Servicing Diagram	PSM 1-6-7 (D4)
Torque Values Diagram	PSM 1-6-7 (D5)
Inspection Record **	PSM 1-6-7 (F1)
Discrepancy Report	PSM 1-6-7 (F2)
Replacement Record	PSM 1-6-7 (F3)

**Inspection Record has replaced the Inspection Log.

1. EQUALIZED MAINTENANCE WORK CARDS

1.1 GENERAL

The Work Cards cover the following inspections:

a. Equalized Inspections, every 125 flying hours.

The equalized Inspection Cards contain all the A, B and C check items in the Inspection Requirements Manual with the items distributed over 48 checks. Each check contains inspection items grouped into five Work Areas. This has been done to facilitate the use of inspection teams or of a progressive inspection method, one area per day. The cards are numbered consecutively.

In addition to the inspection requirements, the cards detail the preparation work and list the special tools required. The approximate man-hours required and the basic trades (skills) involved are also provided to assist in the planning of the work.

Operational tests are listed by inspection interval on a separate FUNCTION card.

NOTE: Item numbers on the cards which are preceded by and asterisk (*) indicate that these items are not standard on all series.

b. Special Inspections.

The special Inspection Cards, identified “SP”, contain all Special Inspections, including daily items. As the special inspection requirements will vary with type of operation, these cards are not sequenced or timed. For details of the Heavy Landing Inspection, Inspection After Lightning Strike, Inspection After Severe Turbulence or Buffeting, Rough Water Operation Inspection and Volcanic Ash Encounter Inspection, refer to PSM 1–6–7.

c. Special Installations.

The Special Installation Cards contain the inspection items applicable to aircraft equipped with Floats and Skis.

The Float Cards are identified by the letters “FL" and the Ski Cards by the letters “SK".

d. Hot End Inspection.

The Hot End Inspection Cards, identified “HE", reference the user to the Engine Manufacturer's Manual.

e. Component Tests.

The Component Test Card, identified “CT", contains component bench and functional tests including the D check items listed in the Inspection Requirements Manual; the items are arranged on the cards by inspection interval and type of test.

f. Consumable Items.

The Consumable Items Card, identified “CI", contains the list of consumable items, manufacture's name, part number and the card numbers to which they are related.

NOTE: Part numbers may change because of alternative materials or parts becoming available. Please check appropriate Parts Manuals before reordering.

g. Calender Time Items.

For the convenience of operators with relatively low annual utilization, compared with the ”Basis for Requirements" (PSM 1-6-7), Special Cards (CAL) have been included summarizing those items affected by calendar rather than flying hour time. As indicated on the cards, these inspection items should be accomplished at 12 monthly intervals with consideration given to atmospheric conditions (degree of pollution, humidity and salinity, etc.).

h. Routine Inspections.

Cards are included for recommended routine inspections to be done at least once every 7 days.

i. Airworthiness Directives Issued Cards.

For the convenience of operators, inspection cards show references to the Airworthiness Directives issued by both D.O.T. and F.A.A. The AD's can be crossed referenced against the EMMA card number and the item number.

j. Corrosion Program

An equalized corrosion inspection program to fulfil PSM 1-6-5 Part 3 Corrosion Manual requirements over a 5 year period. The equalized inspection should commence after the aircraft has previously undergone the initial 5 year corrosion inspection specified in Transport Canada Airworthiness Directive CF-94-12 when approval has been received from your Local Regulatory Authority. The periods of inspection are based on a typical annual operation of 1200 flight hours accumulating 6000 flight hours over a 5 year period. The five yearly EMMA Cards identify the inspections for that particular year.

2. MAINTENANCE RECORD FORMS

The Preventive Maintenance Package includes three forms for the recording of inspections, discrepancies and replacements. These are the Inspection Record, the Discrepancy Report and the Replacement Record. The use of these forms is self-explanatory; the function of each is described briefly in the following paragraphs. The forms are printed on carbonized paper which produces a carbon copy automatically. The purpose of the carbon copy is to provide the manufacturer with feed-back data.

2.1 INSPECTION RECORD

The Inspection Record provides a brief history and sign out for each completed inspection. The record is divided into 48 EMMA CHECKS and is contained on 12 pages. Each page includes 4 individual EMMA checks with card numbers, function and CT item card numbers and sign out spaces for the initials of the mechanic and inspector. The bottom of the page provides spacers for certificate numbers, full signatures and a completion date.

NOTE: Out of phase inspections are not included in the Inspection Record (F1).

2.2 DISCREPANCY REPORT

The Discrepancy Report is used for recording discrepancies found during inspection, and creative actions taken. The discrepancies are numbered consecutively and the numbers entered against the appropriate items on the Inspection Log, thus allowing the inspector to trace both discrepancy and corrective action before signing off.

2.3 REPLACEMENT RECORD

The Replacement Record provides a brief history of components removed and replaced. If the replacement is made during a scheduled check, enter check number in the top left-hand box; if the replacement is made between scheduled checks, leave the check number box blank.

3. RETURNING COPIES

Input of factual field data is of utmost importance for increasing the effectiveness of the preventive maintenance work. The EMMA forms were designed specifically to make it easy for you to provide us with the information we require to establish realistic inspection requirements. Simply return copies of the forms to us periodically, preferably at approximately 2 month intervals.

Remember! An effective inspection program will not only enhance the safety of your aircraft, but reduce your overall maintenance cost.

Mailing address:

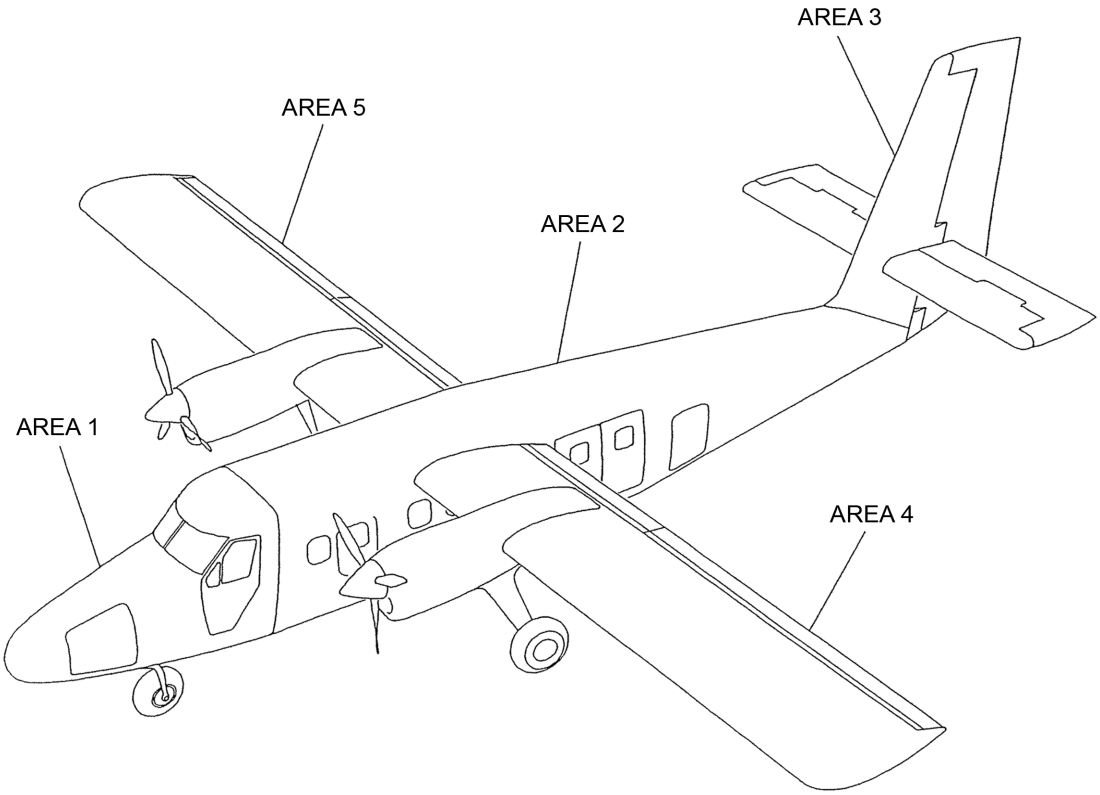
Viking Air Limited
1959 de Havilland Way
Sidney, BC Canada V8L 5V5

Telephone: (250) 656-7227
Fax: (250) 656-0673
USA & Canada Toll Free: (800) 663-8444
E-MAIL: sales@vikingair.com

4. LOG BOOK ENTRY

The following entry will be recorded in the Aircraft Log Book after completing each check:

“EMMA Check No. ..... completed, ... / ..... / .....”



AREA 1	Nose Section/Flight Compartment, Interior and Exterior to Station 111.00, including Landing Gear.	AREA 3	Empennage, Interior and Exterior
AREA 2	Cabin and Rear Fuselage, Interior and Exterior to Station 518.60, including Main Landing Gear and Wing Struts	AREA 4	LH Wing, Interior and Exterior, including Engine, Propeller and Nacelle
		AREA 5	RH Wing, Interior and Exterior, including Engine, Propeller and Nacelle

Area Diagram
Figure 1

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DHC-6 TWIN OTTER
EMMA Controlled Inspection Program

INDEX CARD (1)

EMMA Check No.	Card No. (See note)
1	1, 3, 5, 7, 9, 10, 16, 21, 36, 37, 38, 40
2	2, 4, 6, 11, 18, 20, 36, 37, 39, 41
3	1, 3, 5, 7, 12, 17, 19, 23, 36, 37, 38, 42
4	2, 4, 6, 8, 13, 14, 24, 26, 36, 37, 39, 43
5	1, 3, 5, 7, 9, 10, 15, 22, 36, 37, 38, 40
6	2, 4, 6, 11, 25, 36, 37, 39, 41, 44
7	1, 3, 5, 7, 12, 36, 37, 38, 45
8	2, 4, 6, 8, 13, 14, 36, 37, 39
9	1, 3, 5, 7, 9, 10, 16, 21, 36, 37, 38, 40, 46, 47
10	2, 4, 6, 11, 18, 20, 27, 28, 36, 37, 39, 41
11	1, 3, 5, 7, 12, 17, 19, 31, 36, 37, 38
12	2, 4, 6, 8, 13, 14, 36, 37, 39
13	1, 3, 5, 7, 9, 10, 15, 36, 37, 38, 40
14	2, 4, 6, 11, 29, 33, 36, 37, 39, 41
15	1, 3, 5, 7, 12, 23, 36, 37, 38, 42
16	2, 4, 6, 8, 13, 14, 24, 26, 36, 37, 39, 43
17	1, 3, 5, 7, 9, 10, 16, 21, 22, 35, 36, 37, 38, 40
18	2, 4, 6, 11, 18, 20, 25, 36, 37, 39, 41, 44
19	1, 3, 5, 7, 12, 17, 19, 34, 36, 37, 38, 45
20	2, 4, 6, 8, 13, 14, 32, 36, 37, 39
21	1, 3, 5, 7, 9, 10, 15, 30, 36, 37, 38, 40
22	2, 4, 6, 11, 27, 28, 36, 37, 39, 41
23	1, 3, 5, 7, 12, 36, 37, 38
24	2, 4, 6, 8, 13, 14, 36, 37, 39
25	1, 3, 5, 7, 9, 10, 16, 21, 36, 37, 38, 40
26	2, 4, 6, 11, 18, 20, 36, 37, 39, 41
27	1, 3, 5, 7, 12, 17, 19, 23, 36, 37, 38, 42
28	2, 4, 6, 8, 13, 14, 24, 26, 36, 37, 39, 43

INDEX CARD (1) (Cont'd)

EMMA Check no.	Card No. (See note)
29	1, 3, 5, 7, 9, 10, 15, 22, 36, 37, 38, 40
30	2, 4, 6, 11, 25, 36, 37, 39, 41, 44
31	1, 3, 5, 7, 12, 36, 37, 38, 45
32	2, 4, 6, 8, 13, 14, 36, 37, 39
33	1, 3, 5, 7, 9, 10, 16, 21, 36, 37, 38, 40, 46, 47
34	2, 4, 6, 11, 18, 20, 27, 28, 36, 37, 39, 41
35	1, 3, 5, 7, 12, 17, 19, 31, 36, 37, 38
36	2, 4, 6, 8, 13, 14, 36, 37, 39
37	1, 3, 5, 7, 9, 10, 15, 36, 37, 38, 40
38	2, 4, 6, 11, 29, 33, 36, 37, 39, 41
39	1, 3, 5, 7, 12, 23, 36, 37, 38, 42
40	2, 4, 6, 8, 13, 14, 24, 26, 36, 37, 39, 43
41	1, 3, 5, 7, 9, 10, 16, 21, 22, 35, 36, 37, 38, 40
42	2, 4, 6, 11, 18, 20, 25, 36, 37, 39, 41, 44
43	1, 3, 5, 7, 12, 17, 19, 34, 36, 37, 38, 45
44	2, 4, 6, 8, 13, 14, 32, 36, 37, 39
45	1, 3, 5, 7, 9, 10, 15, 30, 36, 37, 38, 40
46	2, 4, 6, 11, 27, 28, 36, 37, 39, 41
47	1, 3, 5, 7, 12, 36, 37, 38
48	2, 4, 6, 8, 13, 14, 36, 37, 39

NOTE: Refer to List of Effective Cards for current status. Review SP, CT and Function cards at each check for applicable items.

DHC-6 TWIN OTTER
EMMA Controlled Inspection Program

INDEX CARD (2)
SELECTION OF CARDS BY FLYING HOUR INTERVALS
(NON-EQUALIZED PROGRAM)

When using the standard inspection program outlined in PSM 1-6-7, refer to the following table and select cards by FLYING HOURS X 125

NOTE: Some cards have trailers; example of numbering: SP.0, SP.1, etc. Refer to List of Effective Cards for current status. Review SP, CT and Function cards at each check for applicable items.

Flying Hours X 125	Card Numbers (See note)
1	36, 37
2	1, 2, 3, 4, 5, 6, 7, 36, 37, 38, 39
3	36, 37
4	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 36, 37, 38, 39, 40, 41
5	36, 37
6	1, 2, 3, 4, 5, 6, 7, 36, 37, 38, 39
7	36, 37
8	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 36, 37, 38, 39, 40, 41
9	36, 37
10	1, 2, 3, 4, 5, 6, 7, 36, 37, 38, 39
11	36, 37
12	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 22, 23, 24, 25, 26, 27, 28, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45
13	36, 37
14	1, 2, 3, 4, 5, 6, 7, 36, 37, 38, 39
15	36, 37
16	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 36, 37, 38, 39, 40, 41
17	36, 37
18	1, 2, 3, 4, 5, 6, 7, 36, 37, 38, 39
19	36, 37
20	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 36, 37, 38, 39, 40, 41
21	36, 37

INDEX CARD (2) (Cont'd)

Flying Hours X 125	Card Numbers (See note)
22	1, 2, 3, 4, 5, 6, 7, 36, 37, 38, 39
23	36, 37
24	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47
25	36, 37
26	1, 2, 3, 4, 5, 6, 7, 36, 37, 38, 39
27	36, 37
28	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 36, 37, 38, 39, 40, 41
29	36, 37
30	1, 2, 3, 4, 5, 6, 7, 36, 37, 38, 39
31	36, 37
32	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 36, 37, 38, 39, 40, 41
33	36, 37
34	1, 2, 3, 4, 5, 6, 7, 36, 37, 38, 39
35	36, 37
36	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 22, 23, 24, 25, 26, 27, 28, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45
37	36, 37
38	1, 2, 3, 4, 5, 6, 7, 36, 37, 38, 39
39	36, 37
40	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 36, 37, 38, 39, 40, 41
41	36, 37
42	1, 2, 3, 4, 5, 6, 7, 36, 37, 38, 39
43	36, 37
44	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 36, 37, 38, 39, 40, 41
45	36, 37
46	1, 2, 3, 4, 5, 6, 7, 36, 37, 38, 39
47	36, 37
48	1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47

CARD No. ROUTINE (A)

AIRFRAME R A007

A/C Registration No.		Date.	
Area: **External and Internal**		Trade: **Airframe**	
Manhours: Prep:	Total:	Mech. Initial	Insp. Initial
Accomplished at	Hours		

ROUTINE INSPECTIONS

EXTERNAL

1	Ram air inlet (Pre Mod 6/1070) screen, including (Mod 6/1070) duct inlet, for condition and free from obstruction. (21-13a-1, 21-13b-1).	N/A Mod Incorporated	
*2	Air conditioner inlet and exhaust outlets for condition and security; free of obstruction. Clean as required. (Pre Mod 6/2014) (21-19a).	Not installed	
3	Fire extinguisher indicator discs for evidence of extinguisher discharge. (26-02e).		
4	Elevator, aileron and all flap skins, for condition, drain holes for obstruction and wing tip fairings for condition. **NOTE: Refer to Service Bulletin Nos. 6/65, 6/68 and 6/69 and A.D. CF-68-09 or 67-33-02, if applicable.** (55-05a-1, 57-03-1, 57-15, 57-16, 57-17).		
5	Stall warning lift detector vanes for condition, free movement and security. (27-15c-1).		
6	External surfaces of fuselage, nacelles, wings and stabilizers for condition; drains holes for obstruction, wing fences for condition and security; deicing boots for condition. (30-03a-1, 53-01-1, 54-01-1, 55-01-1, 57-01-1, 57-09).		
7	Wing strut skins (where visible) for condition and fasteners for security. **NOTE: Refer to Service Bulletin No. 6/166 and A.D. CF-69-20 or 68-26-02, if applicable.** (57-04a-1).		
8	Engine fuel overboard drains for obstruction. (Pre Mod 6/1583). (71-09-2).	N/A Mod incorporated	
9	Water contamination in fuel system at water drain and fuel strainer drain points. (28-01).		
10	Evidence of fuel leaks on underside of fuselage; drain valves for leakage and security. (28-02-1).		
11	Fuel vent outlets for obstructions. (28-02-1).		

CARD No. ROUTINE (A)

	ROUTINE INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
EXTERNAL (CONT'D)			
*12	Fuel for water content, drain valves for condition and security; vent outlets for obstruction, evidence of fuel leaks from wing tank (SOO 6095 and SOO 6247) area, filler cap for proper fit and seal condition; filler necks for condition. (28-14a).		
13	Depressurize hydraulic system and check gas pressure in accumulators. (29-01b-1).		
14	Hydraulic reservoir for correct fluid level. (29-01a-2).		
15	Pitot heads and static vents for obstructions. (34-09-1, 34-10).		
16	Windshield for signs of leakage. Clean as required. (56-01a-1).		
17	Cabin, cabin door and escape hatch windows. Clean as required. (56-02a).		
18	Nose and main wheels for cuts, wear, deterioration and inflation. (32-01).		
19	Nose gear for condition and leakage; clean exposed surface of shock strut piston with clean cloth. (32-02-1).		
20	Main and nose wheels for condition. (32-09a-1,32-11-1).		
21	Tail bumper for condition and security. (32-19-1).		
22	Fuel filler cap for security and proper fit, seal for condition, filler necks for condition, security and proper attachment. Clean as required. (28-10b, 28-10c).		
INTERNAL			
*1	Crew and passenger oxygen systems for correct pressure. (35-01a-1, 35-02a-1).		
2	Escape hatch doors for condition and security. (52-06-1).		
*3	Heated windshields for condition, discoloration, delamination and security. (30-01a).		
4	Emergency hand pump handle for security in stowed position. (29-03-1).		
5	Cabin seats, seat belts for condition and security; seat belt buckles for proper operation; utility seat stowage and proper operation and retention; under seat baggage restraint bars for condition and security, if installed. (25-05).		

CARD No. ROUTINE (A)

	ROUTINE INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
INTERNAL (CONT'D)			
5A	Cargo nets (SOO 6274) (SOO 6389) for condition and security, if installed. (25-05b).	Not Installed	
6	Portable fire extinguisher(s) for condition and evidence of leakage; security in stowed position. (25-11).		
7	Utility seats (Pre Mod 6/1828) for condition and security of seat leg installation into floor rail. **NOTE: Refer to Service Bulletin No. 6/447, and A.D. CF-83-25 or 84-07-07 and 87-03-12, if applicable.** (25-05a).		
8	Oxygen indicator and charging valve for condition and cleanliness. (35-01b-1).		
9	Nose baggage compartment (Mod 6/2024), verify the HIRF covers are installed. All fasteners must be engaged. Replace if damaged. (53-19-4).		
10	If SOO 6208 is installed, inspect stretcher frame for condition and corrosion; stretcher fabric, seams and the patient restraint webbings for condition, damage and security; the zippers and restraint buckles for damage, corrosion and proper operation. Support assemblies for general wear, damage and corrosion; all welds for cracks and all seat track fittings, keeper hinges, and pull action latches for security and proper operation. (25-14).	Not Installed	
11	If SOO 6376 is installed, inspect for security of stowed axe. (25-15).		
OPERATIONAL CHECKS			
1	Pitot system head heaters. (34-09-2).		
2	Position, anti-collision, cabin and landing lights. (33-02a-2, 33-02b-4, 33-02c-2, 33-02f-2, 33-02g-2, 33-02h-2, 33-03c-2, 33-03d-2).		
*3	Taxi, wing inspection lights and instrument panel lights (Mod 6/2028). **NOTE: Refer also to Special Inspection cards when operating under abnormal environmental conditions.** (33-04-2, 33-02i-2, 33-01e-2, 33-01f-2, 33-07a-2).		
4	Flood lights (Mod 6/2028). (33-01g-2).		
5	Caution lights dimming and dome lights (Mod 6/2028). (33-01h-2, 33-01i-2, 33-01j-2).		

CARD No. ROUTINE (A)

	OPERATIONAL CHECKS (CONT'D)	Mech. Initial	Insp. Initial
6	ESIS Operational test (Mod SOO 6209) (Mod 6/2049) (31-07d).		
7	AFCS Operational Test (Mod SOO 6221) (22-50b).	Mod not Installed	
	TOTAL SIGN OFF		

– Temporary Revision

PSM NO.: 1–6–7 (IC) **AIRCRAFT:** DHC-6 **SERIES:** ALL

PUBLICATION: EMMA Inspection Work Cards **TEMPORARY REVISION NO.: 223**

Insert in EMMA Card No. Routine (E), before Page 1

EMMA CARD NO. ROUTINE (E)

REASON FOR ISSUE:

To clarify the Note for the oil level check after engine shutdown or oil change.

ACTION:

In EMMM Card Routine (E), ignore existing Page 1 and insert the revised page, as shown on Page 2 of this Temporary Revision.

— Continued overleaf —

RECORDING INSTRUCTIONS:

Record this Temporary Revision No. and the relevant information in the appropriate columns of the TEMPORARY REVISION INDEX provided at the front of the manual.

CARD No. ROUTINE (E)

ENGINE and PROPELLER

A/C Registration No.		Date.	
Area: **Engine and Propeller**		Trade: **Engine**	
Manhours: Prep: Total:		Mech. Initial	Insp. Initial
Accomplished at Hours			
ROUTINE INSPECTIONS			
1	Propeller shaft seal for evidence of oil leakage. (61-05-1, 72-02).		
*2	Propeller deicing boots for condition and security. (30-02a-1).		
3	Engine intake deflector. Clean as required. (71-01a-1).		
4	Compressor inlet and screen. Clean as required. **NOTE: If dirty screen warrants removal for cleaning, clean inlet as required.** (72-03).		
5	Check for correct oil level. Oil filter cap for condition and proper locking. **NOTE: If level indication is low when checking oil quantity after engine has been shutdown for more than 30 minutes, or after an oil change, then start the engine and run at ground-idle for minimum five minutes, feather the propeller, shutdown the engine, and recheck the oil quantity.** (79-01, 79-02).	R E007	
6	Fuel, oil and bleed air pipes leakage. (79-07-01).		
*7	Remove, clean and install (Mod 6/1166) engine-driven air pump intake filter. (36-03b).		
8	Oil coolers and pressure transmitters for security and leakage. (79-08, 79-09-1).		
*9	Drain waste fuel from waste fuel collector tank (SOO 6153), if installed, after 20 stops and starts. (73-08).	Mod not Installed	
10	Wing deiced bonded stall bar for condition and proper adhesion. (30-03b).		
TOTAL SIGN OFF			

NOTE: Please see the TEMPORARY REVISION that revises this page.

DHC-6 TWIN OTTER
EMMA Controlled Inspection Program

R E007

CARD No. ROUTINE (E)

ENGINE and PROPELLER

A/C Registration No.		Date.	
Area:	**Engine and Propeller**	Trade:	**Engine**
Manhours: Prep:	Total:	Mech. Initial	Insp. Initial
Accomplished at	Hours		

ROUTINE INSPECTIONS

1	Propeller shaft seal for evidence of oil leakage. (61-05-1, 72-02).		
*2	Propeller deicing boots for condition and security. (30-02a-1).		
3	Engine intake deflector. Clean as required. (71-01a-1).		
4	Compressor inlet and screen. Clean as required. **NOTE: If dirty screen warrants removal for cleaning, clean inlet as required.** (72-03).		
5	Check for correct oil level. Oil filter cap for condition and proper locking. **NOTE: After oil change, or if engine has been stationary for more than 12 hours, run engine at idle for two minutes; after shutdown check and replenish as required with same brand of oil.** (79-01, 79-02).		
6	Fuel, oil and bleed air pipes leakage. (79-07-01).		
*7	Remove, clean and install (Mod 6/1166) engine-driven air pump intake filter. (36-03b).		
8	Oil coolers and pressure transmitters for security and leakage. (79-08, 79-09-1).		
*9	Drain waste fuel from waste fuel collector tank (SOO 6153), if installed, after 20 stops and starts. (73-08).	Mod not Installed	
10	Wing deiced bonded stall bar for condition and proper adhesion. (30-03b).		
	TOTAL SIGN OFF		

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CARD No. 1

This Card Required for the EMMA Checks that follow:
1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35 37, 39, 41, 43, 45, 47.

A/C Registration No.		Date.	
Area: **1. External**		Trade: **Airframe**	
Manhours: Prep: 0.3 Hrs.	Total: 1.8 Hrs.	Mech. Initial	Insp. Initial
Accomplished at	Hours		

	PREPARATION		
A	Jack nose landing gear.		
B	Open and secure nose baggage compartment door F2 and nose cap F1 (Short nose).		
C	Remove nose baggage compartment radio equipment screens.		
D	Open panels F3 and F10.		
E	Special tools: Aircraft Nose Jacking Adapter SD5506. Nosewheel Retaining Nut Wrench SD12552.		
	GENERAL		
1	All applicable engine and airframe manufacturer's directives and local airworthiness authority regulations complied with.		
	INSPECTIONS		
2	Hydraulic reservoir filler neck for condition and contamination; fluid leakage, end of vent clear of power package tray. (29-01a-1).	B0250	
3	Hydraulic reservoir dipstick seal for deterioration. (29-01a-1).	B0250	
4	Nosewheel steering actuator for condition and leakage, hydraulic pipes and input swivel lever for condition, connections for security and leakage. Steering cables (Pre Mod 6/1800), where visible, for condition, corrosion, kinks, flattening, proper attachment and security; pulleys for condition, freedom of operation and security, turnbuckles for security. Do a detailed visual inspection of cable terminals as follows: (a) Remove and discard the lockwire from the cable terminals. **NOTE: If safety clip is installed, do not remove the safety clip.** (b) Do a detailed visual inspection of cable terminals (excluding the hexagonal wrench flat area) for signs of corrosion pits. (c) Do a detailed visual inspection of cable terminals for signs of cracks in all exposed parts of the terminals. (d) If corrosion pits and/or cracks are found on any cable terminal, remove the applicable cable assembly and replace with new cable assembly. (e) If a new cable assembly is installed or if the rigging was disturbed when the lockwire was removed in step (a), rig the control system.	B0250 N/A Mod incorporated	

CARD No. 1

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
4 (Cont'd)	(f) If the lockwire was removed, secure the cable terminals with lockwire. **NOTE: Refer to Service Bulletin No. 6/453 and A.D. CF-84-03, if applicable.** (32-03-1, 32-04a).		
*5	Main battery (SOO 6371) for condition and security; cables for security. Area around battery for spillage and corrosion. (24-01-1a).	SOO not installed	
6	DELETED		
7	Nose gear shock strut for correct extension as given on data plate. Fork retaining nut properly secured. (32-02-2).	B0250	
8	Steering actuator linkage for condition, corrosion, and security; fouling of linkage on shock strut cylinder body. (32-05).	B0250	
9	Remove nosewheel and clean as required; inspect as follows:	B0250	
	(a) Wheel for abrasions, cracks, chipped rims. (32-09-2).	B0250	
	(b) Bearings for signs of wear, corrosion, fretting and blueing. Lubricate. (32-09-2, 32-09-4).	B0250	
	(c) Bushings for signs of wear. (32-09-2).	B0250	
	(d) Seals for distortion, fit, deterioration and security. (32-09-2).	B0250	
	Install nosewheel assembly.	B0250	
10	Nose cap lightning rod for condition and security. (23-04d).	B0250	
11	Avionics Start Battery (Mod 6/2315) for condition and security; cables for security; support structure for condition and security. (24-03-3).	B0250	
	FINAL CLOSE UP		
12	Lower aircraft from jack.		
13	Close panels F3 and F10.		
14	Install nose baggage compartment radio equipment screens.		
15	Close and secure nose baggage compartment door F2 and nose cap F1 (Short nose).		
	TOTAL SIGN OFF		

CARD No. 2

This Card Required for the EMMA Checks that follow:
2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48.

A/C Registration No.		Date.	
Area: **1.** **Internal**		Trade: **Airframe**	
Manhours: Prep: 0.2 Hrs. Total: 1.0 Hrs.		Mech. Initial	Insp. Initial
Accomplished at Hours			
PREPARATION			
	DELETED		
GENERAL			
1	All applicable engine and airframe manufacturer's directives and local airworthiness authority regulations complied with.		
	INSPECTIONS		
2	DELETED		
3	Pilot and Co-pilots head sets for condition and security. (23-01c).	B0250	
4	Crew and passenger oxygen systems for proper operation (normal and emergency) and contamination by smell. (35-01a-2, 35-02a-2).	Not installed	
	FINAL CLOSE UP		
5	Secure overhead console stop plate and face plate.		
TOTAL SIGN OFF			

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CARD No. 3

This Card Required for the EMMA Checks that follow:
1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47.

A/C Registration No.		Date.	
Area: **2.** **External**		Trade: **Airframe**	
Manhours: Prep: 0.3 Hrs.	Total: 1.9 Hrs.	Mech. Initial	Insp. Initial
Accomplished at	Hours		

	PREPARATION		
A	Jack main landing gear.		
B	Special tools: Main Wheel Retaining Nut Wrench SD5523		
	INSPECTIONS		
1	Remove and clean main wheels and inspect as follows:	B0250	
	(a) Wheels for abrasions, cracks, chipped rims, brake drive rings (Pre Mods 6/2002 and 6/2317) for condition and signs of wear. (32-11-2).	N/A Mod incorporated	
	(b) Wheel bearings for signs of wear, corrosion, fretting and blueing; lubricate. (32-11-2).	B0250	
	(c) Seals for distortion, fit, deterioration and security. (32-11-2).	B0250	
	(d) Brake housing for evidence of overheating. (32-10a).	B0250	
	(e) Brake discs for scoring, distortion, evidence of overheating. Brake disk guides (when installed) for condition and security. (32-10b and 32-10d).	B0250	
	(f) Brake linings for wear within limits.	B0250	
	NOTE 1: (Post Mod 6/2002) Refer to Maintenance Manual, PSM 1-64-2.	N/A Mod incorporated	
	(Post Mod 6/2317) Refer to Maintenance Manuals, PSM 1-6-2, 1-63S-2 or 1-63-2.	N/A Mod incorporated	
	NOTE 2: (Pre Mod 6/2002 & 6/2317) If indicator pins are flush with ends of adjustment nuts (brake pressure off), check that brake lining wear is within limits. Refer to Maintenance Manual, PSM 1-6-2 or 1-63S-2 or 1-63-2. (32-10c).	N/A Mod incorporated	
2	Install wheels.	B0250	
	FINAL CLOSE UP		
3	Lower aircraft from jacks.		
	TOTAL SIGN OFF		

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CARD No. 4

This Card Required for the EMMA Checks that follow:
2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48.

A/C Registration No.		Date.	
Area: **2.** **Internal**		Trade: **Airframe**	
Manhours: Prep: 0.3 Hrs.	Total: 1.8 Hrs.	Mech. Initial	Insp. Initial
Accomplished at	Hours		

	PREPARATION		
A	Remove center roof upholstery panel.		
B	Remove main battery compartment cover.		
	INSPECTIONS		
1	Flap actuator for condition and security of mounting and leakage, selector valve for condition, security of mounting and leakage, selector pulleys properly secured to spindle. Drip trays for condition, security and fluid content. Remove, dry out and install pads required. (27-09a-1, 27-09b-1, 27-09e).	B0250	
*2	Cabin air conditioner return floor grill for condition and free from obstruction. Clean as required (Pre Mod 6/2014). (21-19b).	N/A	
3	Escape doors release mechanisms for proper operation; seals for deterioration and security. (52-06-2).	B0250	
*4	Passenger oxygen outlets clear of obstruction. Clean as required. (35-02h-1).	B0250	
*5	Passenger oxygen system indicator and charging valve for condition. Clean as required. (35-02d).	B0250	
6	Main battery for condition and security, cables for security. Battery bay for spillage and corrosion. Vent jar for condition and security, pad properly saturated, hoses for condition and connections for security. Main nickle cadmium battery for condition and temperature sensor probes for security. **NOTE: Refer to Service Bulletin No. 6/301 and A.D. 72-19-04 if applicable.** (24-01-1, 24-02).	CALM	
7	Auxiliary battery for condition and security; cables for security; support structure for condition and security (Pre Mod 6/2028). (24-03-1).	N/A Mod incorporated	

CARD No. 4

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
8	Cabin floor panels for condition, delamination, corrosion and security. Clean as required. Cargo tie-down rings for condition and security. **NOTE: If cabin floor panels are severely damaged, remove panels and inspect supporting structure for damage, buckling and cracks.** (53-06-1, 53-06-2).	B0250	
9	Inspect Parachute Anchor Line (Mod SOO 6291) for security of attachment to end fittings and aircraft structure, and for corrosion, wear and broken wires. Replace if damaged. (25-13).	N/A	
	FINAL CLOSE UP		
10	Install and secure roof upholstery panel.		
11	Install main battery compartment cover.		
	TOTAL SIGN OFF		

CARD No. 5

This Card Required for the EMMA Checks that follow:
1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47.

A/C Registration No.		Date.	
Area: **3.** **External**		Trade: **Airframe**	
Manhours: Prep: 0.2 Hrs.	Total: 0.5 Hrs.	Mech. Initial	Insp. Initial
Accomplished at	Hours		
	PREPARATION		
A	Remove panels T7 and T11.		
	INSPECTIONS		
1	Elevator and rudder including tab hinge arms for condition and security; hinge arm attachment bolts for safety and security. (55-05j, 55-04h).	B0250	
	FINAL CLOSE UP		
2	Install and secure panels T7 and T11.		
	TOTAL SIGN OFF		

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CARD No. 6

This Card Required for the EMMA Checks that follow:
2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48.

A/C Registration No.	Date.
Area: **4. External**	Trade: **Airframe**

Manhours: Prep: 0.3 Hrs. Total: 1.6 Hrs.	Mech. Initial	Insp. Initial
Accomplished at Hours		

	PREPARATION		
A	Lower engine cowling W7.		
B	Remove wing tip W14 (when wing fuel tank is installed).		
C	Remove top center wing root rib fairing (when Pre Mod 6/1614 DeVore bleed air duct installed).		
D	Consumable items. Refer to CI card.		
	INSPECTIONS		
1	Engine fire extinguisher bottle for condition and security, correct pressure, pipes for condition and security, electrical wiring for condition and connectors for security. (26-02a, 26-02b).	B0250	
2	Remove (Pre Mod 6/1229) 74 micron element, clean and install. Replace (Mod 6/1229) (Mod 6/2006) 10 micron filter element as required. Strainer body for condition and security of attachment bolts, security of drain valve. **NOTE: If excessive foreign matter is found in fuel strainer, drain and flush system and inspect motive line check valve strainers for contamination.** (28-05a-1, 28-05b, 28-05c-1).	B0250	
*3	Drain fuel from wing tank (SOO 6095 and 6247) drain and check samples for contamination. Remove fuel filter (Mod 6/1398), if fitted, clean as required and install. **NOTE: If contamination is evident, remove panel at top of tank and inspect interior of tank. Drain and flush as necessary, and clean strainer at end of fuel outlet pipe as required. When installing panel, seal in accordance with Maintenance Manual.** (28-14b-1).	B0250	
4	Inboard (Pre Mod 6/1556) trailing flap for condition, skins for cracks and fastener for security. **NOTE: Refer to Service Bulletin No. 6/345.** (57-16a).	N/A Mod incorporated	

CARD No. 6

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
5A	Wing flap, aileron hinge arms and connecting link attachment bolts for safety and security. (57-22-1).	B0250	
5B	Main wing hinge arms, bonding wire, bearings for condition and security, and attachment bolts for safety and security. **NOTE: Includes inboard hinge location mounted to the fuselage side at STA 248.41.** (57-22-2).	B0250	
6	Inspect DeVore (Pre Mod 6/1614) bleed air duct for cracks and security. **NOTE: Refer to Service Bulletin No. 6/355 and DeVore Service Bulletin No. DAS 1000SB instructions.** (21-15a).	N/A Mod incorporated	
	FINAL CLOSE UP		
7	Raise and secure engine cowling W7.		
8	Install wing tip W14 (when wing fuel tank is installed).		
9	Install top center wing root rib fairing (if removed for Pre Mod 6/1614 DeVore bleed air duct inspection).		
	TOTAL SIGN OFF		

CARD No. 7

This Card Required for the EMMA Checks that follow:
1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37, 39, 41, 43, 45, 47.

A/C Registration No.		Date.	
Area: **5.** **External**		Trade: **Airframe**	
Manhours: Prep: 0.3 Hrs.	Total: 1.6 Hrs.	Mech. Initial	Insp. Initial
Accomplished at	Hours		

	PREPARATION		
A	Lower engine cowling W21.		
B	Remove wing tip W28 (when wing fuel tank is installed).		
C	Remove top center wing root rib fairing (when Pre Mod 6/1614 DeVore bleed air duct installed).		
D	Consumable items. Refer to CI card.		
	INSPECTIONS		
1	Engine fire extinguisher bottle for condition and security, correct pressure, pipes for condition and security, electrical wiring for condition and connectors for security. (26-02a, 26-02b).	B0250	
2	Remove (Pre Mod 6/1229) 74 micron element, clean and install. Replace (Mod 6/1229) (Mod 6/2006) 10 micron filter element as required. Strainer body for condition and security of attachment bolts, security of drain valve. **NOTE: If excessive foreign matter is found in fuel strainer, drain and flush system and inspect motive line check valve strainers for contamination.** (28-05a-1, 28-05b, 28-05c-1).	B0250	
*3	Drain fuel from wing tank (SOO 6095 and 6247) drain and check samples for contamination. Remove fuel filter (Mod 6/1398), if fitted, clean as required and install. **NOTE: If contamination is evident, remove panel at top of tank and inspect interior of tank. Drain and flush as necessary, and clean strainer at end of fuel outlet pipe as required. When installing panel, seal in accordance with Maintenance Manual.** (28-14b-1).	B0250	
4	Inboard (Pre Mod 6/1556) trailing flap for condition, skins for cracks and fasteners for security. **NOTE: Refer to Service Bulletin No. 6/345.** (57-16a).	N/A Mod incorporated	

CARD No. 7

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
5A	Wing flap, aileron hinge arms and connecting link attachment bolts for safety and security. (57-22-1).	B0250	
5B	Main wing hinge arms, bonding wire, bearings for condition and security, and attachment bolts for safety and security. **NOTE: Includes inboard hinge location mounted to the fuselage side at STA 248.41.** (57-22-2).	B0250	
6	Inspect DeVore (Pre Mod 6/1614) bleed air duct for cracks and security. **NOTE: Refer to Service Bulletin No. 6/355 and DeVore Service Bulletin No. DAS 1000SB instructions.** (21-15a).	N/A Mod incorporated	
7	Perform function card requirements before final close up.		
	FINAL CLOSE UP		
8	Raise and secure engine cowling W21.		
9	Install wing tip W28 (when wing fuel tank is installed).		
10	Install top center wing root rib fairing (if removed for Pre Mod 6/1614 DeVore bleed air duct inspection).		
	TOTAL SIGN OFF		

CARD No. 8

This Card Required for the EMMA Checks that follow:
4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48.

A/C Registration No.	Date.
Area: **1. External**	Trade: **Airframe**

Manhours: Prep: 0.4 Hrs. Total: 3.0 Hrs.	Mech. Initial	Insp. Initial
Accomplished at Hours		

	PREPARATION		
A	Open and secure nose baggage compartment door F2 or nose cap F1 (Short Nose).		
B	Remove radio equipment screens in nose baggage compartment.		
C	Open panels F3 and F10.		
D	Remove radome.		
E	Remove control column covers (Pre Mod 6/1800).		
F	Consumable items. Refer to CI card.		
	INSPECTIONS		
1	Thoroughly clean nose gear shock strut and inspect for condition, security and leakage; service as necessary. Remove steering actuator external filter; clean and install. Lubricate nose gear torque arms (Mod 6/1377). (32-02-3, 32-03-2, 32-08c).	C0500	
2	Remove hydraulic filter element and replace with new element. Leak check. (29-01g).	C0500	
3	Accumulator air charging valves for condition and security. Clean as required. (29-01c).	C0500	
4	Emergency hydraulic hand pump for security and leakage. (29-03-2).	C0500	
5	Hydraulic pump (electric motor driven) for security and leakage. (29-01d-1).	C0500	
6	Drain holes in hydraulic power package tray clear of obstruction. Clean as required. (29-01h).	C0500	
7	Hydraulic pressure switch security and leakage. (29-01f-1).	C0500	
*8	Windshield washer pump and fluid lines for condition, deterioration, cracks, leakage and security, electrical connection for security. **NOTE: Refer to Service Bulletin No. 6/422 and A.D. CF-82-20 or 82-26-06, if applicable.** (30-05).	C0500	
*9	Taxi light for condition and security, electrical connection for security. (33-04-1).	C0500	

CARD No. 8

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
*10	Windshield wiper blades for condition and security, drive arms for tension; tie rods for wear, distortion and security. (30-04a).	C0500	
*11	VOR dual selector relay for condition and security. (22-12).	N/A	
*12	Autopilot (all models) for condition and security of mounting, altitude hold or controller for condition, static line for condition and security, attitude heading selector and turn and slip sensor (if installed) for condition and security. Clean as required. (22-01-01, 22-10, 22-11, 22-17-1, 22-25, 22-27, 22-28, 22-31-1, 22-36, 22-37, 22-38).	C1000	
13	Pitot heads for security and corrosion. (34-09-3).	C0500	
14	The following communications and navigation antennas, as applicable:	N/A Mod incorporated	
	(a) Glide slope antenna for condition, loose connections and security of mounting (Pre Mod 6/2003). (34-03b).	N/A	
	(b) NAV/COMM for condition, evidence of leakage at structure, loose connections, cracks and deformity. (34-05b).	N/A	
	(c) Weather radar for condition and security of mounting, cables and connectors for security. Clean as required. (Pre Mod 6/2003) (34-06b).	N/A Mod incorporated N/A	
	(d) Lower transponder antennas #1 and #2 (Mod SOO 6388, 6381 and Mod 6/2003), for condition and security; control and indicators for condition; bonding wires for condition and security of attachment. Clean as required. (34-15a-1).	C0500	
	(e) Upper transponder antennas #1 and #2 (Mod SOO 6388, 6381 and Mod 6/2003), for condition and security; control and indicators for condition; bonding wires for condition and security of attachment. Clean as required. (34-15b-1).	C0500	
	(f) GPS antenna #1, (Mod SOO 6388 and Mod 6/2003), for condition and security; control and indicators for condition; bonding wires for condition and security of attachment. Clean as required. (34-16b-1).	C0500	
	(g) GPS antenna #2 (Mod SOO 6380 and Mod 6/2003), for condition and security; control and indicators for condition; bonding wires for condition and security of attachment. Clean as required. (34-16c-1).	C0500	

CARD No. 8

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
14 (Cont'd)	(h) DME center fuselage antenna (Mod SOO 6388 and Mod 6/2003), for condition and security; control and indicators for condition; bonding wires for condition and security of attachment. Clean as required. (34-17b-1).	C0500	
	(i) DME antenna #2 (Mod SOO 6386 and Mod 6/2003), for condition and security; control and indicators for condition; bonding wires for condition and security of attachment. Clean as required. (34-17c-1).	C0500	
	(j) Radar altimeter antenna #1 (Mod SOO 6388 and Mod 6/2003), for condition and security; control and indicators for condition; bonding wires for condition and security of attachment. Clean as required. (34-18b-1).	C0500	
	(k) Radar altimeter antenna #2 (Mod SOO 6388 and Mod 6/2003), for condition and security; control and indicators for condition; bonding wires for condition and security of attachment. Clean as required. (34-18c-1).	C0500	
	(l) TCAS antenna upper #1 (Mod SOO 6382 and Mod 6/2003), for condition and security; control and indicators for condition; bonding wires for condition and security of attachment. Clean as required. (34-19b-1).	C0500	
	(m) TCAS antenna upper #2 (Mod SOO 6219 and Mod 6/2003), for condition and security; control and indicators for condition; bonding wires for condition and security of attachment. Clean as required. (34-19c-1).	C0500	
	(n) XM antenna (Mod SOO 6211 and Mod 6/2003), for condition and security; control and indicators for condition; bonding wires for condition and security of attachment. Clean as required. (34-21a-1).	C0500	
	(o) TCAS antenna lower (Mod SOO 6382 and Mod 6/2003), for condition and security; control and indicators for condition; bonding wires for condition and security of attachment. Clean as required. (34-19d-1).	C0500	
	(p) Radar Altimeter Antenna #3 (Mod SOO 6218), for condition and security; control and indicators for condition; bonding wires for condition and security of attachment. Clean as required. (34-18d-1).	N/A	

CARD No. 8

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
14 (Cont'd)	(q) Radar Altimeter Antenna #4 (Mod SOO 6218), for condition and security; control and indicators for condition; bonding wires for condition and security of attachment. Clean as required. (34-18e-1).	N/A	
15	Flight compartment door hinges and locks for condition and security, freedom of operation and proper locking. Lubricate. Clean as required. (52-01a).	C0500	
16	Nose compartment door hinges for condition and freedom of operation, stay bar for condition and security in stowed position; latches for proper operation. Lubricate. (52-05a).	C0500	
17	Remove bleed air strainers (Mod 6/1046), clean and install. Leak check. (36-02h).	C0500	
18	Hydraulic pipes and connections for condition; connections for security. (29-06).	C0500	
19	Autopilot (King Radio H14, Bendix M4C, (after installed), & Collins AP-106), electrical wiring for condition and connectors for security, bonding wires for condition and security. (22-15, 22-29, 22-44).	C1000	
20	Collins AP-106 autopilot I.A.S. sensor for condition and security, pipes for condition and connections for security. Collins gain programmer unit for condition and security, unit cover cooling holes free from obstruction. **NOTE: Refer to A.D. 75-12-10, if applicable.** (22-39-1, 22-40-1).	N/A	
21	Bendix M4C autopilot slip skid sensor for condition and security. Clean as required. (22-26).	N/A	
22	Weather radar transmitter and receiver unit for condition and security of mounting, cables and connectors for security. Clean as required. (34-06a).	N/A	
	FINAL CLOSE UP		
23	Close and secure panels F3 and F10.		
24	Install and secure radio equipment screens in nose baggage compartment.		
25	Install and secure radome.		
26	Close and secure nose baggage compartment door F2 or nose cap F1 (Short Nose).		
27	Install control column cover (Pre Mod 6/1800).		
	TOTAL SIGN OFF		

CARD No. 9

This Card Required for the EMMA Checks that follow:
1, 5, 9, 13, 17, 21, 25, 29, 33, 37, 41, 45.

A/C Registration No.	Date.
Area: **1. Internal**	Trade: **Airframe**

Manhours: Prep: 0.7 Hrs. Total: 2.9 Hrs.	Mech. Initial	Insp. Initial
Accomplished at Hours		

	PREPARATION		
A	Release upholstery as necessary and remove right hand fairing to gain access to aileron servo actuator.		
B	Remove cover from overhead console.		
C	Remove right and left upholstery panels to gain access to pitot static moisture traps.		
*D	Remove Floor panels at entrance door to gain access to air conditioner components.		
*E	Remove upholstery as necessary, beside pilot seat, to gain access to windshield washer reservoir.		
	INSPECTIONS		
1	Pilot's and co-pilot's seats as follows:	C0500	
	(a) Seat structure and seat pan for condition and security; freedom of movement. (25-01).		
	(b) Seat rails for condition and security of stops. (25-01a).		
	(c) Shock cords for condition and security. (25-01b).		
	(d) Safety harness for condition and security; quick release for proper operation. Clean as required. (25-01c).		
	(e) Inertia reel for condition and security, proper operation. (25-01d).		
	(f) Portable ELT Mounting Provision (SOO 6270) for security, condition proper operation and retention. Install safety wire as required. (25-01e).	Not Installed	
2	Windshield washer system reservoir for leakage, fluid lines for deterioration, cracks and security; vent for obstruction. **NOTE: Refer to Service Bulletin No. 6/422 and A.D. CF-82-20 or 82-26-06, if applicable.** (30-05).	C0500	
3	Control column boot for condition and security. (27-01c).	C0500	

CARD No. 9

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
4	Wheel brake pedal linkage, springs, levers and linkage for condition, wear and security. (32-12a).	C0500	
*5	Autopilot (King Radio H14, Bendix M-4C & Collins AP 106) flight controller or computer control and heading selector (if installed) for condition and security. Clean as required. (22-02, 22-18, 22-46).	N/A	
*6	Autopilot (all models) aileron servo cable for fraying, kinks, flattening, proper attachment and security; turnbuckles for security. Pulleys and cable drum for condition, freedom of operation and security. Clamps for security and no evidence of movement on main aileron control cable clamp. (22-03, 22-19, 22-32, 22-51).	C0500	
7	Overhead console power control mechanism and linkages for condition and freedom of movement; stops for security. Power and propeller levers for smooth operation and propeller/power lever interlock mechanism for operation. Fuel shutoff control lever for smooth operation and proper detent action. Friction dampers for operation, power lever Beta arming switch for condition. **CAUTION: WITH ENGINE STOPPED** **1. DO NOT MOVE POWER LEVER IN EITHER DIRECTION IF BLADES LATCHES ARE ENGAGED.** **2. DO NOT SELECT REVERSE POWER IF PROPELLER IS AT FEATHER.** **NOTE: Refer to Service Bulletin No. 6/309 and A.D. CF-79-24, if applicable.** (76-03-3, 76-04, 76-04a, 76-04b, 76-04c, 76-05).	C0500	
*8	Audio system control units and power panels for condition and security of mounting. Flight compartment speakers and speaker panel assembly for condition and security. (23-1a, 23-1b).	C0500	
9	Stall warning light for condition and security. (27-15a-1).	C0500	
9A	Stall light (Mod 6/2028) for condition and security. (27-15b-1).	C0500	
*10	Stall warning horn for condition and security (Pre Mod 6/2028). (27-15a-1).	N/A by Mod	
11	Beta range backup system limit switch and mechanism for condition and security, wiring for condition and connectors for security. Clean as required. (61-2b-1).	C0500	
12	All aircraft accessible wiring and connectors for condition and security. (24-17).	C0500	

CARD No. 9

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
12A	Diodes CR 141 thru CR 146 (Post Mod 6/2315) – Check diodes. Replace if required. (24-03-5).	C0500	
13	Drain pitot static moisture traps at following locations:	C0500	
	(a) Adjacent to pitot masts. (34-12-2).		
	(b) Below static valve on center pylon. (34-12-2).		
	(c) Autopilot computer static line. (34-12-2).		
*14	JB Air conditioner system for condition, security and leakage; ducts free from obstruction, compressor and motor for condition and security including leakage, belts for tension and wear, evaporator and condenser fan for condition and security, receiver dryer for condition and security including leakage, expansion valve for condition and security, pressure and thermostat switches for condition and security, relay panel and panel relays for condition and security, electrical wiring for condition and security of connections, insulation for condition and clipping for security, pipes and connections for condition and security (Pre Mod 6/2014). (21-19c through 21-19m inclusive).	Not installed	
*15	King Radio H14, Bendix M4C (after installation), Collins AP-106, and AFCS (Autopilot) (Mod SOO 6221) autopilot aileron servo for condition and security. (22-03a, 22-19a-1, 22-32a-1, 22-51a).	Not Installed	
*16	Remove Bendix M4C autopilot aileron every 500 hours and inspect motor and clutch brushes for wear; replace if necessary, check clutch torque and adjust, if required. Clean as required and lubricate. **NOTE: Refer to A.D. 81-01-06, if applicable.** (22-19a-3).	Not Installed	
*17	Autopilot systems (all models) electrical wiring for condition and connectors for security, bonding wires for condition and security. Clean as required. (22-15, 22-29, 22-44, 22-51b).	C0500	
18	Pitot head heat electrical wiring for condition and connections for security. (34-13).	C0500	
*19	AFCS (Autopilot) (Mod 6/2303, Mod SOO 6221):		
	(a) Pilot and Co-Pilot; Go Around (G/A) and Touch Control Switches for security and clean as required. (22-48).	C1000	
	(b) Pilot and Co-Pilot; AP Disconnect (AP DISC) Switch for security and clean as required (22-49).	C1000	

CARD No. 9

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
19 (Cont'd)	(c) Function Test. (22-50a).	C1000	
20	Flight Compartment Axe and Axe Stowage (SOO 6376)		
	(a) Axe handle retention strap and elastic webbing for damage or deterioration (loss of elastic properties). Replace on condition. (25-15a).	C1000	
	(b) Condition and security of axe stowage structure. Condition and security of axe cutting edge and pike to axe handle. (25-15b).	C1500	
	FINAL CLOSE UP		
21	Install fairing over aileron servo actuator and install upholstery.		
22	Install upholstery on pilot side.		
23	Install right and left upholstery panels for pitot static moisture traps.		
24	Install cover on overhead console.		
25	Install floor panels.		
	TOTAL SIGN OFF		

CARD No. 10

This Card Required for the EMMA Checks that follow:
1, 5, 9, 13, 17, 21, 25, 29, 33, 37, 41, 45.

A/C Registration No.	Date.
Area: **2. External**	Trade: **Airframe**

Manhours: Prep: 0.3 Hrs. Total: 1.6 Hrs.	Mech. Initial	Insp. Initial
Accomplished at Hours		

	PREPARATION		
A	Remove panels F13 and F17.		
B	Drain fuel tanks.		
C	Consumable items. Refer to CI card.		
	INSPECTIONS		
1	Remove and inspect motive line check valve strainer for contamination. Clean as required and install serviceable unit. Leak check (Power on). **NOTE: Drain fuel before removing strainers.** (28-09).	C0500	
2	HF masts for cracks and security, wire for proper tension and loose connections, cable covering for cracks and deterioration. Lead-in sleeves for cracks and security. Insulators for condition, connections for security. Clean as required. (23-03a, 23-03i-1).	C0500	
3	HF antenna tension unit at vertical stabilizer tip for cracks, corrosion and security. (23-03a, 23-03i-1).	C0500	
4	VHF and VHF standby antennas for loose connections, fiberglass cover for cracks and deterioration, wire whip for bending or misalignment (Pre Mod 6/2003). (23-02).	C0500	
4A	VHF upper aft antenna, (Mod 6/2003) for condition and security; control and indicators for condition; wiring and connectors for security. Clean as required. (23-02c-1).	C0500	
4B	VHF forward antenna, (Mod 6/2003) for condition and security; control and indicators for condition; wiring and connectors for security. Clean as required. (23-02d-1).	C0500	
4C	VHF lower aft antenna, (Mod SOO 6231, Mod 6/2003) for condition and security; control and indicators for condition; wiring and connectors for security. Clean as required. (23-02e-1).	C0500	
4D	VHF-FM Antenna (Mod SOO 6296) for condition and security; control and indicators for condition; wiring and connectors for security. Clean as required. (23-02f-1).	C0500	

CARD No. 10

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
5	ADF sense masts for cracks and security; connectors and insulators for security; wires for correct tension and loose connections; covering for cracks and deterioration. Clean as required. (Pre Mod 6/2049) (34-01e).	N/A by Mod	
5A	ADF antenna #1 (Mod SOO 6209, Mod 6/2003) covers for condition; moisture ingress, cracks deterioration and security; connectors and insulators for security; masts for cracks and security. Clean as required. (34-23-1).	N/A by Mod	
5B	ADF antenna #2 (Mod SOO 6217, Mod 6/2003) covers for condition; moisture ingress, cracks deterioration and security; connectors and insulators for security; masts for cracks and security. Clean as required. (34-24-1).	N/A by mod	
*6	Airstair door hinge and lock for condition, security, corrosion, freedom of operation and proper locking; witness marks for correct alignment. Lubricate. Inward opening cargo door for condition and security; hinges for condition and freedom of operation, lubricate. Retention straps for condition. Clean as required. (52-03a, 52-08).	C0500	
6A	Airstair door guard assembly (Mod 6/2326, Mod 6/2386) for condition, check spring engagement against inner handle; ensure the guard assembly is in contact with the handle. Replace damaged springs as required. (52-03f).	C0500	
7	Cabin door hinges and lock for condition, security; freedom of operation and proper locking; lubricate. Witness marks for correct alignment. Close cabin LH rear cargo door and position both lower and upper latches in the locked condition. Make sure each latch pin makes positive engagement with door frame holes. Make sure the lower latch pin remains positively engaged when the locked latch is lifted to the top of its vertical play. Clean as required. (52-02a).	C0500	
8	Rear baggage compartment door hinge for condition, freedom of operation, stay bar for condition of fastener and security in stowed position, door handle and lock for condition and proper operation. (52-05a).	C0500	
9	GPS/IRIDIUM/WiFi Antenna (SOO 6288, 6298) for condition, security and corrosion; condition of external fillet seal; condition of coaxial cables and connectors and security of attachment of coaxial cables. (23-09-1).	C0500	
	FINAL CLOSE UP		
10	Install and secure panels F13 and F17.		
	TOTAL SIGN OFF		

CARD No. 11

This Card Required for the EMMA Checks that follow:
2, 6, 10, 14, 18, 22, 26, 30, 34, 38, 42, 46.

A/C Registration No.		Date.	
Area: **2.** **Internal**		Trade: **Airframe**	
Manhours: Prep: 0.3 Hrs.	Total: 2.5 Hrs.	Mech. Initial	Insp. Initial
Accomplished at	Hours		

	PREPARATION		
A	Remove ceiling panels at cabin center roof to gain access to flap selector.		
B	Remove ceiling panels at cabin R/H roof to gain access to pneumatic package and propeller limit switches.		
C	Remove ceiling panels at forward cabin roof to cabin to gain access to pneumatic package and propeller limit switches.		
D	Remove rear baggage compartment/rear fuselage access panel to gain access to autopilot automatic pitch trim, rudder and elevator servo units.		
E	Remove ceiling panel, if installed, for access to roof escape hatch.		
F	Consumable items. Refer to CI card.		
*G	SOO 6371 – Remove lower R/H interior panel and side interior panel on AFT side of STA 111 bulkhead.		
	INSPECTIONS		
*1	Autopilot rudder (all models) servo cable for fraying, kinks, flattening, proper attachment and security, turnbuckle for security. Pulleys and cable drum for condition, freedom of operation and security. Clamps for security and no evidence of movement on main rudder flight control cable clamp. (22-04, 22-20, 22-34, 22-53).	C0500	
*1A	Remove Bendix M4C autopilot rudder servo every 500 hours, clean as required and lubricate. Check clutch value and adjust if necessary. Install serviceable unit and check cable retaining clip for condition and security. (22-20a-3).	N/A by Mod	
*2	Autopilot elevator (all models) servo cable for fraying, kinks, flattening, proper attachment and security, turnbuckle for security. Pulleys and cable drum for condition, freedom of operation and security. Clamps for security and no evidence of movement on main elevator flight control cable clamp. (22-05, 22-21, 22-33, 22-52).	C1000	
*2A	Remove Bendix M4C autopilot elevator servo every 500 hours, clean as required and lubricate. Check clutch value and adjust if necessary. Install serviceable unit and check cable retaining clip for condition and security. (22-21a-3).	N/A	
*3	King Radio H14 autopilot pitch trim servo differential pressure switch for condition. Clean as required. (22-13b-1).	N/A	

CARD No. 11

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
*4	Autopilot water trap assembly for condition and security, drain tube for condition and drain holes for obstruction (H14 system only). (22-07).	N/A by Mod	
*5	Automatic pitch trim (all models) system cables for fraying, kinks, flattening, proper attachment and security, turnbuckles for security. Pulleys and cable drive for condition, security and freedom of operation. Clamps for security and no evidence of movement on elevator flight control cable clamp. (22-13, 22-22, 22-35, 22-54).	C0500	
*6	King Radio H14, AP-106, and AFCS (Autopilot) (Mod SOO 6221) pitch trim servo actuator for condition and security of mounting. (22-13a, 22-35a-1, 22-54a).	C0500	
*7	Remove Bendix M4C autopilot pitch trim servo every 500 hours, clean as required and lubricate. Check clutch value and adjust if necessary. Install serviceable unit and check cable retaining clip for condition and security. (22-23-1).	N/A	
8	Static inverters for condition and security; mounting installation for condition and security (Pre Mod 6/2028). **NOTE: Refer to Service Bulletin No. 6/263 and A.D. CF-71-12, CF-75-06 or 71-21-07 and 75-24-15, if applicable, for Pre Mod 6/1388 aircraft, when operating with Filetronics type PC15 and PC15A models.** (24-04-1).	N/A Mod incorporated C0500	
9	Flap selector valve and follow up cables for condition, corrosion, fraying, flattening and security of attachment, turnbuckles for security, pulleys for condition and freedom of operation. Do a detailed visual inspection of cable terminals as follows: (a) Remove and discard the lockwire from the cable terminals. **NOTE: If safety clip is installed, do not remove the safety clip.** (b) Do a detailed visual inspection of cable terminals (excluding the hexagonal wrench flat area) for signs of corrosion pits. (c) Do a detailed visual inspection of cable terminals for signs of cracks in all exposed parts of the terminals. (d) If corrosion pits and/or cracks are found on any cable terminal, remove the applicable cable assembly and replace with new cable assembly. (e) If a new cable assembly is installed or if the rigging was disturbed when the lockwire was removed in step (a), rig the control system. (f) If the lockwire was removed, secure the cable terminals with lockwire. (27-09c-1).	C0500	

CARD No. 11

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
10	Flap/elevator interconnect ball screw jack for condition of cable drum grooves, freedom of operation and security. Lubricate. (27-10a).	C0500	
11	Autopilot (all models) electrical wiring for condition and connectors for security, bonding wires for condition and security. Clean as required. (22-15, 22-29, 22-44, 22-52b, 22-53b, 22-54b).	C0500	
*12	Passenger address controls for condition and security of mounting. Microphone for condition (Pre Mod 6/2049); ceiling speakers for condition and security. (23-01d, 44-01-1).	N/A Mod incorporated N/A	
*12A	Condition and security of mounting; cabin speakers for condition and security (Mod 6/2049). (44-01-1).	C0500	
*12B	Cabin speakers (Mod SOO 6210, Mod 6/2049), inspect grounding of unit to airframe structure (< 2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (44-01-2).	C1000	
*13	Remove pneumatic system strainer element, clean and install. Leak check. (36-01f).	C0500	
14	Cabin side rail and floor for condition and security. **NOTE: Refer to Service Bulletin No. 6/302 and A.D. CF-73-12 or 74-08-11, if applicable.** (25-04).	C0500	
*15	Baggage restraints (if installed) for condition and security. Slimline commissary (if installed) for condition and security. (25-08).	C0500	
16	Cabin exhaust outlet or, if pneumatic package is installed, heat exchange for condition and clear of obstruction. Cabin exhaust outlet vent for condition and obstruction. (21-11-1, 36-01b).	C0500	
*17	Cabin roof hatch for condition and security. (52-07-1).	C0500	
18	Autofeather limit switches and slide mechanisms for condition and security; wiring for condition and connectors security. Clean as required. (61-08e).	C0500	
*19	Autofeather limit switches and slide mechanisms for condition and security; wiring for condition and connectors security. Clean as required. (61-01b).	C0500	

CARD No. 11

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
*20	Horizontal stabilizer deicing system water separator drain holes and lines for obstruction and security. Water separator filter for condition and replace as necessary. **NOTE: Replace more frequently in areas of high industrial air pollution and high humidity.** (30-03c, 30-03d).	C0500	
21	Rudder (all models) autopilot servo for condition and security of mounting. (22-04a, 22-20a-1, 22-34a-1, 22-53a).	C0500	
22	Elevator (all models) servo for condition and security of mounting. (22-05a, 22-21a-1, 22-33a-1, 22-52a).	C0500	
23	Power distribution and generator control box for condition and security; terminals, connectors and relays for condition and security, signs of overheat, arcing, torque of large terminal posts. Clean as required. Current Limiters (Mod 6/1651) for condition and serviceability. (24-05).	C0500	
24	AFCS (Autopilot) (Mod SOO 6221) KS 272A Pitch trim servo system pitch trim switch. Inspect for security and clean as required. (22-54d).	C0500	
*25	STA 111 Cabin Fans (SOO 6378) for condition and security; stand off mounting brackets for security. (21-23-1).	C0500	
*26	STA 332 Blower (SOO 6379) for condition and security; outlet screen for debris. Clean as required. (21-24-1).	C0500	
*27	SOO 6371 – Check condition and security of cables at STA 111 cabin floor cut-out. Refer to PSM 1-64-2, Chapter 24-30-00. (24-19).	C0500	
	FINAL CLOSE UP		
28	SOO 6371 – Install lower R/H interior panel and side interior panel on AFT side of STA 111 bulkhead.		
29	Install and secure ceiling panels.		
30	Install rear baggage compartment and rear fuselage access panel.		
	TOTAL SIGN OFF		

CARD No. 12

This Card Required for the EMMA Checks that follow:
3, 7, 11, 15, 19, 23, 27, 31, 35, 39, 43, 47.

A/C Registration No.	Date.
Area: **1. Internal**	Trade: **Airframe**

Manhours: Prep: 0.4 Hrs. Total: 2.2 Hrs.	Mech. Initial	Insp. Initial
Accomplished at Hours		

	PREPARATION		
A	Remove panels T2, T5, T6, T7, T9, T11, T12, T13, T16 and T19.		
	INSPECTIONS		
1	Rudder and elevator trim screw jacks for condition of cable drum grooves, freedom of operation and security. Lubricate. (27-06a).	C0500	
2	Trim cables for condition, fraying, corrosion, flattening, proper attachment and security. Nylon cable jacket for condition, cracking and necking down in diameter. Pulleys (bulkhead and elevator torque tube) for condition and freedom of movement, pulley brackets for condition and security. Lubricate pulley bracket bushings at elevator torque tube. (27-05a).	C0500	
3	Static discharge wicks for condition and security; minimum length of one inch wick extension from sheath. (23-04c).	C0500	
4	Aft fuselage elevator quadrant for condition, distortion, loose torque tube bolts, freedom of movement and mounting brackets for condition, cracks and security. **WARNING: INSPECT WITHIN 25 FLIGHT HOURS IF PARKED AIRCRAFT SUBJECTED TO GROUND WINDS WITH A MEAN VELOCITY OF 35 MPH OR GREATER. MEAN WIND SPEEDS OF 35 MPH WILL GENERATE WIND GUSTS UP TO 65 MPH.** **NOTE: Refer to Service Bulletin and A.D.'s:** **S.B. 6/379, A.D. CF-79-02 or 79-14-01, if applicable** **S.B. 6/511, A.D. CF-72-06 or 89-24-06, if applicable.** (27-11a).	C0500	
*5	Horizontal stabilizer deicing boots for cuts, tears, deterioration and proper adhesion. (30-03a-2).	C0500	
6	DELETED		
7	DELETED		

CARD No. 12

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
8	Elevator flap interconnect screw jack for condition of cable drum grooves, freedom of operation and security. Lubricate. (27-10b).	C0500	
	FINAL CLOSE UP		
9	Install and secure panels T2, T5, T6, T7, T9, T11, T12, T13, T16 and T19.		
	TOTAL SIGN OFF		

CARD No. 13

This Card Required for the EMMA Checks that follow:
4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48.

A/C Registration No.	Date.
Area: **4. External**	Trade: **Airframe**

Manhours: Prep: 0.4 Hrs. Total: 0.8 Hrs.	Mech. Initial	Insp. Initial
Accomplished at Hours		

	PREPARATION		
A	Remove panel W12.		
B	Lower engine cowling W7.		
C	Consumable items. Refer to CI card.		
D	Remove top center wing roof fairing.		
	INSPECTIONS		
1	Static discharge wicks for condition and security; minimum length one inch wick extension from sheath. (23-04c).	C0500	
*2	Wing deicing water separator drain holes and/or lines for obstruction and security. Airframe deicing water separator filter for condition and replace as necessary. **NOTE: Replace more frequently in areas of high industrial air pollution and high humidity.** (30-03c, 30-03d).	C0500	
3	DELETED		
4	Wing exterior upper surfaces for dents, scores, abrasions and corrosion. (57-01-2).	C0500	
*5	Wing deicing boots for cuts, tears, deterioration and proper adhesion. (30-03a-2).	C0500	
6	Fuel emergency shutoff valve for leakage and security. (28-06-1).	C0500	
7	Electrical wiring and where visible, for condition; connectors for security. (57-07-1).	C0500	
8	Wing root rib fwd. aluminum adapter (Pre Mod 6/1887 and EO69080) for condition, cracks, corrosion and security. **NOTE: Refer to Service Bulletin Nos. 6/174 and 6/476, and A.D. CF-85-12 or 94-04-01, if applicable.** (57-11).	N/A Mod incorporated	

CARD No. 13

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
9	Wing leading edge and shroud skins for condition, dents, scores, fasteners for security. **NOTE: Refer to Service Bulletin Nos. 6/517 and A.D. CF-93-25, if applicable.** (57-01f, 57-01g).	C0500	
	FINAL CLOSE UP		
10	Raise and secure engine cowling W7.		
11	Install panel W12.		
12	Install top center wing roof fairing.		
	TOTAL SIGN OFF		

CARD No. 14

This Card Required for the EMMA Checks that follow:
4, 8, 12, 16, 20, 24, 28, 32, 36, 40, 44, 48.

A/C Registration No.	Date.
Area: **5. External**	Trade: **Airframe**
Manhours: Prep: 0.3 Hrs. Total: 2.1 Hrs.	Mech. Initial / Insp. Initial
Accomplished at Hours	

		Mech. Initial	Insp. Initial
	PREPARATION		
A	Remove panel W26.		
B	Lower engine cowling W21.		
C	Consumable items. Refer to CI card.		
D	Remove top center wing roof fairing.		
	INSPECTIONS		
1	Static discharge wicks for condition and security; minimum length one inch wick extension from sheath. (23-04c).	C0500	
*2	Wing deicing water separator drain holes and/or lines for obstruction and security. Airframe deicing water separator filter for condition and replace as necessary. **NOTE: Replace more frequently in areas of high industrial air pollution and high humidity.** (30-03c, 30-03d).	C0500	
3	DELETED		
4	Wing exterior upper surfaces for dents, scores, abrasions and corrosion. (57-01-2).	C0500	
*5	Wing deicing boots for cuts, tears, deterioration and proper adhesion. (30-03a-2).	C0500	
6	Fuel emergency shutoff valve for leakage and security. (28-06-1).	C0500	
7	Electrical wiring and where visible, for condition; connectors for security. (57-07-1).	C0500	
8	Wing root rib fwd. aluminum adapter (Pre Mod 6/1887 and EO69080) for condition, cracks, corrosion and security. **NOTE: Refer to Service Bulletin Nos. 6/174 and 6/476, and A.D. CF-85-12 or 94-04-01, if applicable.** (57-11).	N/A Mod incorporated	

CARD No. 14

	INSPECTION (CONT'D)	Mech. Initial	Insp. Initial
9	Wing leading edge and shroud skins for condition, dents, scores. Fasteners for security. **NOTE: Refer to Service Bulletin Nos. 6/517 and A.D. CF-93-25, if applicable.** (57-01f, 51-01g).	C0500	
	FINAL CLOSE UP		
10	Raise and secure engine cowling W7.21.		
11	Install panel W26.		
12	Install top center wing roof fairing.		
	TOTAL SIGN OFF		

CARD No. 15

This Card Required for the EMMA Checks that follow:
5, 13, 21, 29, 37, 45.

A/C Registration No.		Date.		
Area: **1. Internal**		Trade: **Airframe**		
Manhours: Prep: 0.4 Hrs.	Total: 3.0 Hrs.		Mech. Initial	Insp. Initial
Accomplished at	Hours			

	PREPARATION		
A	Open and secure nose baggage compartment door F2 and nose cap F1 (short nose).		
B	Remove nose baggage compartment radio equipment screens.		
C	Open panels F3 and F10.		
*D	Remove radome.		
E	Jack aircraft for removal of nose wheel.		
*F	Consumable items. Refer to CI card.		
	INSPECTIONS		
1	(a) Nose baggage compartment for condition. Equipment shelves for cracks, buckling, corrosion. Clean as required. In addition, when Mod 6/2020 or Mod 6/2160 is installed at STA 44.0 Nose Attachment, pay particular attention for corrosion to the exterior aluminum joint straps and fasteners common to the carbon nose. (53-05-3).	C1000	
	(b) Fwd baggage compartment door (Mods 6/2020, 6/2161), inspect doors to airframe for bonding (< 10 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (52-05d).	C1000	
	(c) Nose baggage compartment (Mods 6/2020, 6/2160), inspect the fuselage circumferential aluminum strap joint for electrical bonding(< 10 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (53-19-1).	C1000	
	(d) Nose baggage compartment (Mods 6/2020, 6/2160), inspect weather radar wiring metal conduit to airframe for bonding (< 10 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (53-19-2).	C1000	

CARD No. 15

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
1 (Cont'd)	(e) Nose baggage compartment (Mods 6/2020, 6/2160), ensure bonding jumpers have no sign of corrosion; braid damage such as kinks, fretting or fraying, cracked or broken terminal ends. (53-19-3).	C1000	
	(f) Fwd avionics compartment shelves (Mod 6/2005), inspect shelves to airframe for bonding (< 2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (53-20-1).	C1000	
	(g) Fwd avionics compartment shelves (Mod 6/2005), ensure bonding jumpers have no sign of corrosion; braid damage such as kinks, fretting or fraying, cracked or broken terminal ends. **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (53-20-2).	C1000	
	(h) Nose baggage bulkhead at STA 15.45 for condition, security, and corrosion between aluminum brackets and fasteners attached to the carbon nose. (53-05-6).	C1000	
	(i) Cargo tie-downs located on STA 15.45 bulkhead for condition and security. (53-05-7).	C1000	
2	Grounding and bonding wires for condition and security. Clean as required. (24-13, 34-07c).	C0100	
3	(a) Flight compartment windshield and door windows for condition, crazing and security; retaining strips for condition and security of attachment. For SOOs 6320 or 6321 (if installed), inspect vent for condition and security of attachment. Replace if required. (56-01a-2, 56-01b).	C1000	
	(b) Flight compartment RH and LH doors (Mod 6/2024), inspect doors to airframe for bonding (< 10 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (52-01b).	C1000	
4	Remove nose wheel. Remove tire from wheel and examine for visible cracks or chipping on rims. Install tire on wheel, then install nosewheel. (32-09a-3).	C1000	
*5	(a) Radome for condition, cracks, delamination and security. (53-03).	C1000	

CARD No. 15

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
5 (Cont'd)	(b) Radome (Mod 6/2005), inspect nose baggage compartment to radome joint diverter strips (qty 4) for electrical bonding (< 10 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (53-03a).	C1000	
6	Hydraulic brake system pressure relief valve and system pressure relief valve for leakage and security. (29-01e, 29-05).	C1000	
7	Hydraulic accumulators for leakage and security. (29-01b-2).	C1000	
8	Nosewheel (Mod 6/1800) steering cables forward of Sta. 60 and beneath cockpit floor for condition, kinks, flattening, proper attachment and security. Pulleys for condition, freedom of operation and security. Turnbuckles for security. Do a detailed visual inspection of cable terminals as follows: (a) Remove and discard the lockwire from the cable terminals. **NOTE: If safety clip is installed, do not remove the safety clip.** (b) Do a detailed visual inspection of cable terminals (excluding the hexagonal wrench flat area) for signs of corrosion pits. (c) Do a detailed visual inspection of cable terminals for signs of cracks in all exposed parts of the terminals. (d) If corrosion pits and/or cracks are found on any cable terminal, remove the applicable cable assembly and replace with new cable assembly. (e) If a new cable assembly is installed or if the rigging was disturbed when the lockwire was removed in step (a), rig the control system. (f) If the lockwire was removed, secure the cable terminals with lockwire. (32-04c).	C1000	
9	Elevator control quadrants for cleanliness, damage, corrosion and security; bearings for corrosion, cleanliness and security; stops for damage. (27-11).	C1000	
10	Rudder torque tube and quadrants for condition and security; linkage and push rod installation for security. (27-02).	C1000	

CARD No. 15

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
11	Gust lock control for condition and proper operation, brackets and connecting rods for cracks, buckling and security. **NOTE: Refer to Service Bulletin No. 6/508 and A.D. CF-90-01, if applicable.** (27-02a).	C0100	
12	Radio equipment racks for cracks, buckling and corrosion. Vibration isolators for deterioration. Clean as required. (53-05-2).	C1000	
13	Instrument pneumatic system filters for (Mod 6/1077) long nose aircraft with (Mod 6/1046) bleed air or (Mod 6/1166) engine-driven pump systems. Remove and install new filters. Leak check. (36-02e, 36-03i).	C1000	
14	Elevator control lever and connecting rod for full and free movement; attaching brackets for cracks and distortion. (27-12).	C1000	
15	Aileron, rudder and elevator primary control cables beneath flight compartment floor for fraying, corrosion, flattening, proper attachment, correct routing and security, pulleys for condition and freedom of movement, pulley brackets and guides for condition and security. Do a detailed visual inspection of cable terminals for signs of corrosion pits or cracks. **NOTE 1: Refer to Service Bulletin No. 6/523, if applicable.** **NOTE 2: Ensure adequate clearance with adjacent electrical conduits, structure and other systems, making allowance for vibratory motion of cable under tension.** **NOTE 3: In the event of early or abnormal cable wear at pulley(s), replace the worn cable(s) and the corresponding pulley(s).** (27-04-1).	C1000	
16	Nosewheel steering cables for tension. (32-07).	C1000	
17	(a) Instrument panel lights (Mod 6/2028), for condition and security; bonding wires for condition and security of attachment. (33-1e-1, 33-1f-1).	C1000	
	(b) Flood lights (Mod 6/2028), for condition and security; bonding wires for condition and security of attachment. (33-1g-1).	C1000	
	(c) Dome lights (Mod 6/2028), for condition and security; bonding wires for condition and security of attachment. (33-1h-1).	C1000	
	(d) Map lights (Mod 6/2028), for condition and security; bonding wires for condition and security of attachment. (33-1i-1).	C1000	

CARD No. 15

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
17 (Cont'd)	(e) Caution dimming lights (Mod 6/2028), for condition and security; bonding wires for condition and security of attachment. (33-1j-1).	C1000	
	(f) Position and strobe lights (Mod 6/2028), for condition and security; bonding wires for condition and security of attachment. (33-2f-1).	C1000	
	(g) Beacon lights (Mod 6/2028), for condition and security; bonding wires for condition and security of attachment. (33-2g-1).	C1000	
	(h) Landing lights (Mod 6/2028) (Mod 6/2285) (Mod 6/2407), for condition and security; bonding wires for condition and security of attachment. Clean lens as required. (33-2h-1).	C1000	
	(i) Wing inspection lights (Mod 6/2028), for condition and security; bonding wires for condition and security of attachment. (33-2i-1).	C1000	
18	(a) Boarding lights (Mod 6/2028), for condition and security; bonding wires for condition and security of attachment. (33-3c-1).	C1000	
	(b) Cabin lights (Mods 6/2028, 6/2427), for condition and security; bonding wires for condition and security of attachment. (33-3d-1).	C1000	
19	Fwd avionics cooling fans (Mod 6/2045), for condition and security; bonding wires for condition and security of attachment. Clean as required. (21-20-1).	Mod not Installed	
19A	Fwd avionics compartment air filter (Mod 6/2014), for condition, security and free of obstruction. Clean as required. (21-22).	C1000	
20	(a) GPS #1 (KGS 200) (Mod 6/2049), (Post Mod 6/2304) & (Mod SOO 6388), for condition and security; bonding wires for condition and security of attachment. (34-16-1).	C1000	
	(b) GPS #1 (KGS 200) (Mod 6/2049), (Post Mod 6/2304) & (Mod SOO 6388), do an operational test. (Power on). (34-16-2).	C1000	
	(c) GPS #1 (KGS 200) (Mod 6/2049), (Post Mod 6/2304) & (Mod SOO 6388), inspect bonding of the mating surfaces between the GPS unit and the airframe (< 2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-16-3).	C1000	

CARD No. 15

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
20 (Cont'd)	(d) GPS #2 (KGS 200) (Mod 6/2049), (Post Mod 6/2304) & (Mod SOO 6380) for condition and security; bonding wires for condition and security of attachment. (34-16a-1).	C1000	
	(e) GPS #2 (KGS 200) (Mod 6/2049), (Post Mod 6/2304) & (Mod SOO 6380), do an operational test. (Power on). (34-16a-2).	C1000	
	(f) GPS #2 (KGS 200) (Mod 6/2049), (Post Mod 6/2304) & (Mod SOO 6380), inspect bonding of the mating surfaces between the GPS unit and the airframe (< 2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-16a-3).	C1000	
	(g) GPS #1 antenna (Mod 6/2003) & (Mod SOO 6388), inspect bonding of the mating surfaces between the antenna and the airframe (< 3.0 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-16b-2).	C1000	
	(h) GPS #2 antenna (Mod 6/2003) & (Mod SOO 6380), inspect bonding of the mating surfaces between the antenna and the airframe (< 3.0 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-16c-2).	C1000	
21	(a) TCAS #1 processor unit (KTA 970) (Mod 6/2049) & (Mod SOO 6382), for condition and security; bonding wires for condition and security of attachment. (34-19-1).	C1000	
	(b) TCAS #1 processor unit (KTA 970) (Mod 6/2049) & (Mod SOO 6382), do an operational test. (Power on). (34-19-2).	C1000	
	(c) TCAS #1 processor unit (KTA 970) (Mod 6/2049) & (Mod SOO 6382), inspect bonding of the mating surfaces between the mounting tray and the airframe (< 2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-19-3).	C1000	
	(d) TCAS #2 processor unit (KTA 970) (Mod SOO 6219, Mod 6/2049), for condition and security; bonding wires for condition and security of attachment. (34-19a-1).	C1000	

CARD No. 15

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
21 (Cont'd)	(e) TCAS #2 processor unit (KTA 970) (Mod SOO 6219, Mod 6/2049), do an operational test. (Power on). (34-19a-2).	C1000	
	(f) TCAS #2 processor unit (KTA 970) (Mod SOO 6219, Mod 6/2049), inspect bonding of the mating surfaces between the mounting tray and the airframe (< 2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-19a-3).	C1000	
	(g) TCAS antenna upper #1 (Mod 6/2003) & (Mod SOO 6382), inspect bonding of the mating surfaces between the antenna and the airframe (< 3.0 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-19b-2).	C1000	
	(h) TCAS antenna upper #2 (Mod SOO 6219, Mod 6/2003), inspect bonding of the mating surfaces between the antenna and the airframe (< 3.0 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-19c-2).	C1000	
	(i) TCAS antenna lower (Mod 6/2003) & (Mod SOO 6382), inspect bonding of mating surfaces between the antenna and the airframe (<3.0 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-19d-2).	C1000	
22	(a) EGPWS (MKVI) (Mod 6/2049) & (Mod SOO 6387), for condition and security; bonding wires for condition and security of attachment. (34-20-1).	C1000	
	(b) EGPWS (MKVI) (Mod 6/2049) & (Mod SOO 6387), do an operational test. (Power on). (34-20-2).	C1000	
	(c) EGPWS (MKVI) (Mod 6/2049) & (Mod SOO 6387), inspect bonding of the mating surfaces between the mounting tray and the airframe (< 2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-20-3).	C1000	
23	(a) XM satellite weather radar receiver (XMD 157-01) (Mod SOO 6211, Mod 6/2049), for condition and security; bonding wires for condition and security of attachment. (34-21-1).	N/A	

CARD No. 15

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
23 (Cont'd)	(b) XM satellite weather radar receiver (XMD 157-01) (Mod SOO 6211, Mod 6/2049), do an operational test. (Power on). (34-21-2).	N/A	
	(c) XM satellite weather radar receiver (XMD 157-01) (Mod SOO 6211, Mod 6/2049), inspect bonding of the unit between the mounting tray and the airframe (< 1.0 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-21-3).	N/A	
24	(a) ADAHRS #1 (KSG 7200) (Mod 6/2049), for condition and security; bonding wires for condition and security of attachment. (34-22-1).	C1000	
	(b) ADAHRS #1 (KSG 7200) (Mod 6/2049), do an operational test. (Power on). (34-22-2).	C1000	
	(c) ADAHRS #1 (KSG 7200) (Mod 6/2049), inspect bonding of the mating surfaces between the mounting tray and the airframe (< 1.0 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-22-3).	C1000	
	(d) ADAHRS #2 (KSG 7200) (Mod SOO 6209, Mod 6/2049), for condition and security; bonding wires for condition and security of attachment. (34-22a-1).	C1000	
	(e) ADAHRS #2 (KSG 7200) (Mod SOO 6209, Mod 6/2049), do an operational test. (Power on). (34-22a-2).	C1000	
	(f) ADAHRS #2 (KSG 7200) (Mod SOO 6209, Mod 6/2049), inspect bonding of the mating surfaces between the mounting tray and the airframe (< 1.0 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-22a-3).	C1000	
25	(a) MMDR #1 (Mod 6/2049), for condition and security; bonding wires for condition and security of attachment. (23-07a-1).	C1000	
	(b) MMDR #1 (Mod 6/2049), inspect bonding of the mating surfaces between the mounting tray and the airframe (< 2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (23-07a-2).	C1000	

CARD No. 15

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
25 (Cont'd)	(c) MMDR #2 (Mod SOO 6209, Mod 6/2049), for condition and security; bonding wires for condition and security of attachment. (23-07b-1).	C1000	
	(d) MMDR #2 (Mod SOO 6209, Mod 6/2049), inspect bonding of the mating surfaces between the unit and the airframe (< 2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (23-07b-2).	C1000	
26	(a) Audio system isolation amplifier (Mod 6/2049), inspect bonding of the mating surfaces between the mounting tray and the airframe (< 2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (23-06-2).	C1000	
	(b) Audio system isolation amplifier (Mod 6/2049), for condition and security; bonding wires for condition and security of attachment. (23-06-1).	C1000	
27	Emergency frequency com tuning switch operational test. (23-08).	C1000	
28	SkyNode SAT COM Transceiver (SOO 6298) for condition, security and corrosion; electrical wires and connectors for security of attachment. (23-10-1).	Not Installed	
29	ECTM/FOQA (IONode 100) (SOO 6288) for condition, security and corrosion; electrical wires and connectors for security of attachment. (31-13-1).		
30	RIB Video Module (SOO 6212) for condition, security and corrosion; electrical wires and connectors for security of attachment. (31-15-1).	no Installed	
31	(a) RIB Video Module (SOO 6212) inspect bonding of the mating surfaces between the unit and airframe (<2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (31-15-2).	Not Installed	
	(b) RIB Video Module (SOO 6212) inspect bonding of the mating surfaces between unit wiring backshells and airframe (<5.0 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (31-15-3).	Not Installed	
*32	External power receptacle (SOO 6371) for condition and security. Clean as required. (24-12-1).	C1000	

CARD No. 15

	FINAL CLOSEUP	Mech. Initial	Insp. Initial
33	Lower aircraft from jack.		
34	Close and secure panels F3 and F10.		
35	Install nose baggage compartment radio equipment screen.		
36	Close and secure nose baggage compartment door F2 and nose cap F1 (Short nose).		
37	Install radome, if required.		
	TOTAL SIGN OFF		

CARD No. 16

This Card Required for the EMMA Checks that follow:
1, 9, 17, 25, 33, 41.

A/C Registration No.	Date.
Area: **1. Internal**	Trade: **Airframe**

Manhours: Prep: 0.5 Hrs. Total: 2.4 Hrs.	Mech. Initial	Insp. Initial
Accomplished at Hours		

	PREPARATION		
A	Remove inspection covers and boot from control column.		
B	Remove side covers from center pylon.		
C	Remove covers over parking brake linkage.		
D	Remove cover from elevator and trim control console.		
E	Remove upholstery fairing over rudder and elevator trim cables on flight compartment/cabin bulkhead.		
F	Remove cover over flap position indicator at windshield center post (Pre Mod 6/2023).		
G	Remove overhead console face plate and disengage stop plate.		
H	Release co-pilot bulkhead upholstery and fairing cover from aileron autopilot servo unit (Collins AP106 model), if installed.		
I	Consumable items. Refer to CI card.		
	INSPECTIONS		
1	Pilot/Co-pilot panel and instrument lights for condition and security (Pre Mod 6/2028). (33-01a).	N/A Mod incorporated	
*2	Heated windshield elements and wiring for condition and security. (30-1b).	C1000	
3	Navigation instruments for condition and security, electrical connection for security and hoses, if required, for condition and security. Clean as required.	C1000	
	(a) Turn and Slip indicator (Pre Mod 6/2049). (34-08a-1).	N/A Mod incorporated	
	(b) Directional indicator and caging mechanism for proper operation (Pre Mod 6/2049). (34-08b-1, 22-43a).	N/A Mod incorporated	
	(c) Airspeed Indicator (Pre Mod 6/2049). (34-08c-1).	N/A Mod incorporated	
	(d) Attitude Indicator; check caging mechanism for proper operation (Pre Mod 6/2049). (34-08d-1).	N/A Mod incorporated	

CARD No. 16

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
3 (Cont'd)	(e) Vertical Speed Indicator (Pre Mod 6/2049). (34-08e).	C1000	
	(f) Altimeter (Pre Mod 6/2049). **NOTE: Refer to Service Bulletin No. 6/325 and A.D. CF-75-12, if applicable.** (34-08f-1).	C1000	
	(g) Radio Magnetic Indicator and Annunciator (if fitted). **NOTE: Refer to Service Bulletin No. 6/349 and A.D. 76-07-09, if applicable.** (34-08j, 34-08k, 22-43).	C1000	
	(h) Flight Director Indicator. (22-42).	C1000	
	(i) Slaving Indicator. (22-43b).	C1000	
	(j) C14 Gyro Compass Control Head Unit (Pre Mod 6/2049). (34-14a).	C1000	
	(k) ADF no. 1 and 2 indicator (Pre Mod 6/2049). (34-01f).	C1000	
4	(a) Standby compass for condition and security. Clean as required. (34-08g-1).	C1000	
	(b) Compass Swing. (34-08g-2).		
5	Aileron trim tab position indicator for condition and security; wiring and connectors for condition and security (Pre Mod 6/2047). (27-08d-1).	C1000	
*6	Deicing pressure and suction indicator for condition, leakage and security. (30-03l).	C1000	
7	Replace bleed air pneumatic system filters for (Pre Mod 6/1077) short nose aircraft only. (36-02e, 36-03i).	C1000	
8	Control column (Mod 6/1433) for condition, security and full and free movement. Brackets for condition and security, centering strut for condition, proper operation and security. Remove covers and check for evidence of binding, chain alignment with control wheel sprockets, sprockets for condition, security and teeth wear, turnbuckles for safety. Lubricate. Install covers. (27-01-1, 27-01a, 27-01b).	C0100	

– Temporary Revision

PSM NO.: 1–6–7(IC) **AIRCRAFT:** DHC-6 **SERIES:** ALL

PUBLICATION: EMMA Inspection Work Cards **TEMPORARY REVISION NO.:** 158

Insert Card No. 16, after page 2

EMMA CARD NO. 16

REASON FOR ISSUE:
To include inspection for rudder pedal cracking.

ACTION:
In EMMA Card No. 16, ignore existing page 3 and insert revised page, as shown on page 2 of this Temporary Revision.

RECORDING INSTRUCTIONS:
Record this Temporary Revision No. and the relevant information in the appropriate columns of the TEMPORARY REVISION INDEX provided at the front of the manual.

CARD No. 16

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
9	Nosewheel steering lever for binding and security; steering cables (Mod 6/1800) remove control column cover and examine cable for condition, kinks, flattening, proper attachment and security. Pulleys for condition, freedom of operation and security. Turnbuckles for security. Install control column cover. Do a detailed visual inspection of cable terminals as follows: (a) Remove and discard the lockwire from the cable terminals. **NOTE: If safety clip is installed, do not remove the safety clip.** (b) Do a detailed visual inspection of cable terminals (excluding the hexagonal wrench flat area) for signs of corrosion pits. (c) Do a detailed visual inspection of cable terminals for signs of cracks in all exposed parts of the terminals. (d) If corrosion pits and/or cracks are found on any cable terminal, remove the applicable cable assembly and replace with new cable assembly. (e) If a new cable assembly is installed or if the rigging was disturbed when the lockwire was removed in step (a), rig the control system. (f) If the lockwire was removed, secure the cable terminals with lockwire. (32-06, 32-04d).	C1000	
10	Rudder pedal support assembly, push rods, levers and linkage for condition and security; pedals for full and free movement; condition and security; pedals for cracking as shown in PSM 1-6-7, Part 1 Figure 2. Replace if cracked. (27-03-1).	C1000	
11	Parking brake rods and linkage for signs of wear, and security. Lubricate cams. Remove console covers; wheel brake valve for leakage and security. Clean as required. Install console covers. (32-13, 32-12b).	C1000	
12	Rudder and elevator trim tab control for full and free movement, cables for fraying, kinks, flattening, proper attachment and security, pulleys for freedom of operation and pulley brackets for condition and security. Do a detailed visual inspection of cable terminals as follows: (a) Remove and discard the lockwire from the cable terminals. **NOTE: If safety clip is installed, do not remove the safety clip.** (b) Do a detailed visual inspection of cable terminals (excluding the hexagonal wrench flat area) for signs of corrosion pits. (c) Do a detailed visual inspection of cable terminals for signs of cracks in all exposed parts of the terminals. (d) If corrosion pits and/or cracks are found on any cable terminal, remove the applicable cable assembly and replace with new cable assembly. (e) If a new cable assembly is installed or if the rigging was disturbed when the lockwire was removed in step (a), rig the control system.		

CARD No. 16

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
9	Nosewheel steering lever for binding and security; steering cables (Mod 6/1800) remove control column cover and examine cable for condition, kinks, flattening, proper attachment and security. Pulleys for condition, freedom of operation and security. Turnbuckles for security. Install control column cover. Do a detailed visual inspection of cable terminals as follows: (a) Remove and discard the lockwire from the cable terminals. **NOTE: If safety clip is installed, do not remove the safety clip.** (b) Do a detailed visual inspection of cable terminals (excluding the hexagonal wrench flat area) for signs of corrosion pits. (c) Do a detailed visual inspection of cable terminals for signs of cracks in all exposed parts of the terminals. (d) If corrosion pits and/or cracks are found on any cable terminal, remove the applicable cable assembly and replace with new cable assembly. (e) If a new cable assembly is installed or if the rigging was disturbed when the lockwire was removed in step (a), rig the control system. (f) If the lockwire was removed, secure the cable terminals with lockwire. (32-06, 32-04d).	B0250	
10	Rudder pedal support assembly, push rods, levers and linkage for condition and security; pedals for full and free movement; condition and security. (27-03-1).	See Temp Rev 158	
11	Parking brake rods and linkage for signs of wear, and security. Lubricate cams. Remove console covers; wheel brake valve for leakage and security. Clean as required. Install console covers. (32-13, 32-12b).	See Temp Rev 158	
12	Rudder and elevator trim tab control for full and free movement, cables for fraying, kinks, flattening, proper attachment and security, pulleys for freedom of operation and pulley brackets for condition and security. Do a detailed visual inspection of cable terminals as follows: (a) Remove and discard the lockwire from the cable terminals. **NOTE: If safety clip is installed, do not remove the safety clip.** (b) Do a detailed visual inspection of cable terminals (excluding the hexagonal wrench flat area) for signs of corrosion pits. (c) Do a detailed visual inspection of cable terminals for signs of cracks in all exposed parts of the terminals.	C1000	

CARD No. 16

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
12 (Cont'd)	(d) If corrosion pits and/or cracks are found on any cable terminal, remove the applicable cable assembly and replace with new cable assembly. (e) If a new cable assembly is installed or if the rigging was disturbed when the lockwire was removed in step (a), rig the control system. (f) If the lockwire was removed, secure the cable terminals with lockwire. (27-05-1).		
13	Co-pilot dimming control rheostat for condition and clear from cable routing (Pre Mod 6/2028). **NOTE: Refer to Service Bulletin No. 6/401 and A.D. CF-81-05, if applicable.** (33-01d).	C1000	
14	Flap position cable for fraying, flattening, corrosion and security of attachment; spring for condition, tension, and security. Indicator (Pre Mod 6/2023) for smooth operation, dracon cable cord at window frame small pulley locations for condition. (27-09f).	C1000	
15	Caution light panel and cockpit dome light for condition and security. Horizontal Stabilizer deicing boot pressure warning lights for condition and security (Pre Mod 6/2028). (33-01b, 33-01c, 30-03i).	C1000	
16	Overhead console flight control and flap selector (Mod 6/1895) aluminum quadrants for condition and security, freedom of movement, cable attachment for security, pulleys for smooth and freedom of operation. (27-11c, 76-06a).	C1000	
*17	Do slip clutch inspection test on aileron autopilot servo capstan (Collins AP-106 model), if installed, as per Collins SIL 1-94 every 1000 flight hours and adjust, if necessary. (22-32b).	N/A	
18	(a) Primary flight display unit (KDU 1080) (Mod 6/2049) or (KDU-1080-2), for condition and security; bonding wires for condition and security of attachment. (31-03-1).	C1000	
	(b) Primary flight controller (KMC2210) (Mod 6/2049), for condition and security; bonding wires for condition and security of attachment. (31-03a-1).	C1000	
	(c) Multi function display unit (KDU 1080) (Mod 6/2049) or (KDU-1080-2), for condition and security; bonding wires for condition and security of attachment. (31-04-1).	C1000	

CARD No. 16

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
18 (Cont'd)	(d) Multi function controller (KMC2220) (Mod 6/2049), for condition and security; bonding wires for condition and security of attachment. (31-04a-1).	C1000	
	(e) Flight controller (KMC9200) (Mod 6/2049), for condition and security; bonding wires for condition and security of attachment. (31-05-1).	C1000	
	(f) Reversion control panel for displays (Mod 6/2049), for condition and security; bonding wires for condition and security of attachment. (31-06-1).	C1000	
	(g) ESIS - Display (Mod 6/2049, Pre Mod 6/2170) (Post Mod 6/2170) & (Mod SOO 6209), for condition and security; bonding wires for condition and security of attachment. (31-07-1).	C1000	
	(h) ESIS - Battery (Mod 6/2049, Pre Mod 6/2170) (Post Mod 6/2170) & (Mod SOO 6209), for condition and security; bonding wires for condition and security of attachment. (31-07a-1).	C1000	
	(i) MAU (Mod 6/2049), for condition and security; bonding wires for condition and security of attachment. (31-08-1).	C1000	
	(j) MAU power supplies (Mod 6/2049), for condition and security; bonding wires for condition and security of attachment. (31-08a-1).	C1000	
	(k) SkyNode SAT COM Panel/Dialer (RC6000/A) (SOO 6298), for condition, security and corrosion; electrical wires and connectors for condition and security of attachment. (23-11).	C1000	
19	(a) Primary flight display unit (KDU1080) (Mod 6/2049) or (KDU-1080-2), inspect grounding of unit wiring bundle shield braid to airframe structure (<2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (31-03-2).	C1000	
	(b) Primary flight controller (KMC2210) (Mod 6/2049), inspect grounding of unit wiring bundle shield braid to airframe structure (<2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (31-03a-2).	C1000	

CARD No. 16

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
19 (Cont'd)	(c) Multi function display unit (KDU1080) (Mod 6/2049) or (KDU-1080-2), inspect grounding of unit wiring bundle shield braid to airframe structure (<2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (31-04-2).	C1000	
	(d) Multi function controller (KMC2220) (Mod 6/2049), inspect grounding of unit wiring bundle shield braid to airframe structure (<2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (31-04a-2).	C1000	
	(e) Flight controller (KMC9200) (Mod 6/2049), inspect grounding of unit wiring bundle shield braid to airframe structure (<2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (31-05-2).	C1000	
	(f) Reversion control panel for displays (Mod 6/2049), inspect grounding of unit wiring bundle shield braid to airframe structure (<2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (31-06-2).	C1000	
	(g) ESIS - Display (Mod 6/2049, Pre Mod 6/2170) (Post Mod 6/2170) & (Mod SOO 6209), inspect grounding of unit wiring bundle shield braid to airframe structure (<2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (31-07-2).	C1000	
	(h) ESIS - Battery (Mod 6/2049, Pre Mod 6/2170) (Post Mod 6/2170) & (Mod SOO 6209), inspect grounding of unit wiring bundle shield braid to airframe structure. (<2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (31-07a-2).	C1000	
	(i) MAU (Mod 6/2049), inspect bonding of the mating surfaces between the mounting tray and the airframe structure (<2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (31-08-2).	C1000	

CARD No. 16

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
19 (Cont'd)	(j) MAU power supplies (Mod 6/2049), inspect bonding of the mating surfaces between the mounting tray and the airframe structure (<2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (31-08a-2).	C1000	
	(k) MAU (Mod 6/2049), verify ferrite beads are installed on the LAN wires inside the backshells of all the NIC's (bead P/N is a Ferronics 21-727-B). (31-08-3).	C1000	
	(l) MAU (Mod 6/2049), visually inspect the mesh covering the air intake for dust and debris. Clean as required. (31-08-4).	C1000	
20	Audio panel:		
	(a) Pilot audio panel (KMA 29), (Mod SOO 6209, Mod 6/2049), for condition and security; bonding wires for condition and security of attachment. (23-05-1).	C1000	
	(b) Pilot audio panel (KMA 29), (Mod SOO 6209, Mod 6/2049), inspect bonding of the mating surfaces between the mounting tray and the airframe structure (<2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (23-05-2).	C1000	
	(c) Co-pilot audio panel (KMA 29), (Mod SOO 6209, Mod 6/2049), for condition and security; bonding wires for condition and security of attachment. (23-05-1).	C1000	
	(d) Co-pilot audio panel (KMA 29), (Mod SOO 6209, Mod 6/2049), inspect bonding of the mating surfaces between the mounting tray and the airframe structure (<2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (23-05-2).	C1000	
	(e) Pilot/co-pilot audio panel (KMA29), (Mod SOO 6209, Mod 6/2049), emergency switch operational test. (23-05-3).	C1000	
21	Transponders:	C1000	
	(a) Transponder (KXP 2290) or (KXP 2290A), for condition and security; bonding wires for condition and security of attachment. (34-15-1).	C1000	

CARD No. 16

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
21 (Cont'd)	(b) Transponder (KXP 2290) or (KXP 2290A), do an operational test (Power on). (34-15-2).	C1000	
	(c) Transponder (KXP 2290) or (KXP 2290A), inspect bonding of the mating surfaces between the mounting tray and the nearest airframe ground (<2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements Page 7, Para 12 for details.** (34-15-3).	C1000	
	(d) Lower antennas #1 and #2, (Mod 6/2003) & (Mod SOO 6388, 6381), inspect bonding of the mating surfaces between the antennas and the airframe (<3.0 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements Page 7, Para 12 for details.** (34-15a-2).	C1000	
	(e) Upper antennas #1 and #2, (Mod 6/2003) & (Mod SOO 6388, 6381), inspect bonding of the mating surfaces between the antennas and the airframe (<3.0 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements Page 7, Para 12 for details.** (34-15b-2).	C1000	
	(f) Transponder (KXP 2290) or (KXP 2290A), inspect grounding of unit wiring bundle shield braid to airframe structure (<2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements Page 7, Para 12 for details.** (34-15-4).	C1000	
22	AFCS (Autopilot) (Mod SOO 6221) SM 3000 Aileron Servo System:	C1000	
	(a) Aileron servo - Inspect grounding of unit wiring bundle shield braid to airframe structure (<7.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements Page 7, Para 12 for details.** (22-51d).		
	(b) Aileron servo - Inspect bonding of the mating surfaces between the servo mount and airframe structure (<2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements Page 7, Para 12 for details.** (22-51e).		
23	AFCS (Autopilot) (Mod SOO 6221) SM 3000 Aileron Servo System - Aileron Servo: Check bridle cable tensions and verify no slippage of clamps has occurred. (22-51c).	C1000	

CARD No. 16

	FINAL CLOSE UP	Mech. Initial	Insp. Initial
24	Install inspection covers and boot on control column.		
25	Install side covers from center pylon.		
26	Install covers over parking brake linkage.		
27	Install cover from elevator and trim control console.		
28	Install upholstery fairing over rudder and elevator trim cables on flight compartment/cabin bulkhead.		
29	Install cover over flap position indicator at windshield center post (Pre Mod 6/2023).		
	TOTAL SIGN OFF		

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CARD No. 17

This Card Required for the EMMA Checks that follow:
3, 11, 19, 27, 35, 43.

A/C Registration No.		Date.	
Area: **2.** **External**		Trade: **Airframe**	
Manhours: Prep: 0.7 Hrs.	Total: 3.4 Hrs.	Mech. Initial	Insp. Initial
Accomplished at	Hours		

	PREPARATION		
A	Remove the following panels: F4, F5, F7, F8, F9, F12, F13, F14, F17, F18 and F20.		
B	Jack aircraft for removal of main wheels.		
	INSPECTIONS		
1	Fuel ejectors for condition and security. Crossfeed valve for corrosion, security and evidence of leakage. (28-4, 28-07-1).	C1000	
2	Booster pumps for condition, security, corrosion and cleanliness. Wiring for condition, corrosion, signs of overheat or arcing. Radio noise filters (Pre Mod 6/2267) for security condition and corrosion. Electrical terminals for condition and deterioration of sealant. (28-03-1).	C1000	
2A	Electrical EMI noise filters (Mod 6/2267) for condition, security, signs of overheat. Wiring for condition, signs of overheat or arcing, ground posts for tightness and corrosion, protective boots for condition. (28-03-3).	C1000	
2B	Bleed resistors (Mod 6/2267), for condition, security, signs of overheat. Resistance check and condition of electrical terminations. (28-03-4).	C1000	
3	Fuel system pipes for condition; connections and hoses for security and leakage, sump plates for corrosion and leakage. Clean as required. **NOTE: Refer to Service Bulletin No. 6/269 and A.D. CF-71-07 or 71-16-01, if applicable.** (28-2-2, 28-10d).	C0100	
4	Coaxial electrical wiring in fuel gallery for condition, connectors for condition and security. Clean as required. For Mod 6/2390, do a detailed visual inspection of the environmental wrap for condition, integrity (split, tear or removal etc.). If deterioration is evident, remove the environmental wrap and inspect underlying components for general condition, corrosion, wiring, terminations, shield terminations. Replace damaged components and install new environmental wrap (refer to PSM1-64-2, Chapter 20-50-03). For Mod 6/2395, do a detailed visual inspection of the backshell and backshell sealant for deterioration in the seal cavities. If deterioration is evident, clean and reseal backshell. Replace if deterioration is severe. (28-13).	C1000	

CARD No. 17

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
5	Fuel gallery structure for corrosion. (53-05-4).	C1000	
5A	Inspect fuel gallery access panels and seals for damage (Mod 6/2408). Repair or replace as required. (53-05-5).	C1000	
6	Fuel Manifold (Mod 6/2389) - Bonding clamp sealant and terminal lug sealant for condition and integrity, peeling cracking or evidence of corrosion. Inspect bonding jumpers for condition, security, integrity and corrosion. If damaged, replace component; re-apply sealant. (28-02-3).	C1000	
7	External structure for dents, scores, fretting and cracks, fasteners for security. (53-01-2).	C1000	
8	Fuel low pressure switches for condition, leakage and security, electrical connector for security. (28-11).	C1000	
9	Main gear fairings for cracks, delamination and security; seals for tears, deterioration and security; remove center fairings and fairings supporting structure for cracks, corrosion, buckling and loose anchor nuts. Roller blind assembly for adequate spring tension, blind for fraying, tears and security, rollers for free running and security. Install center fairings. (32-14-1, 32-14-2, 32-14-3).	C1000	
9A	Remove main gear leg fairings and inspect welds for cracks at tubes, lugs, pivot fittings and brake flange axle housing. **NOTE: Refer to PSM1-6-7 Part 3, Figure 8, for leg weld locations.** (32-14-4).	C1000	
10	Shock absorber blocks for condition, free from oil, grease, deterioration, splitting on surface adjacent to bolt holes and displacement of blocks. Discard blocks that have sustained permanent set due to displacement beyond edge of scuff plate. Clean as required. **NOTE: Displacement within boundaries of scuff plate edge is allowed and not detrimental to aircraft safety.** When removed examine each block for bubbles close to vertical face of block by smearing surface with water and using strong light viewed from opposite side of block. For bubble criteria refer to Maintenance Manual. (32-15-1).	C1000	
11	Remove main wheels. Remove tires from wheels and examine for visible cracks or chipping on rims. Install tires on wheels then install mainwheels. **NOTE: Refer also to Special Inspection Card SP.** (32-11-3).	C1000	

CARD No. 17

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
12	Grounding and bonding leads for fraying, broken wires, loose connections, cleanliness and corrosion. For Mod 6/2390, do a detailed visual inspection of the environmental wrap for condition, integrity (split, tear or removal etc.). If deterioration is evident, remove environmental wrap and inspect underlying components for general condition, corrosion, wiring, terminations, shield terminations. Replace damaged components and install new environmental wrap (refer to PSM1-64-2, Chapter 20-50-03). For Mod 6/2395, do a detailed visual inspection of the backshell and backshell sealant for deterioration in the seal cavities. If deterioration is evident, clean and reseal backshell. Replace if deterioration is severe. (28-13).	C1000	
*13	The following navigational antennas as installed: (a) VOR Nos. 1 and 2 antenna for evidence of leakage at structure and loose connections, antenna disconnect for security. (Pre Mod 6/2003) (34-02b).	N/A Mod incorporated	
	(b) ADF Nos. 1 and 2 loop antenna covers for condition, moisture ingress and security, connectors and insulation for security. Clean as required. (Pre Mod 6/2003) (34-01c).	N/A Mod incorporated	
	(c) Marker beacon for condition, loose connections, entry of moisture and security. (34-04c).	C1000	
14	External power receptacle for condition and security. Clean as required. (24-12).	C0100	
15	Main landing gear upper and lower fuselage attachment fittings for condition and security. (32-18).	C1000	
16	Main leg hydraulic lines for condition, leakage, loose clamps and connections for security, flexible hoses for condition, leakage and connections for security. (29-07).	C1000	
17	Inspect the left and right nacelle fairings (Mod 6/2021) to airframe for bonding (< 10 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (54-01a).	C1000	
18	NAT 245 PA amplifier (Mod SOO 6210, Mod 6/2049)		
	(a) Condition and security; bonding wires for condition and security of attachment. (44-02-1).	C1000	

CARD No. 17

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
18 (Cont'd)	(b) Inspect grounding of unit wiring bundle shield braid to airframe structure (< 2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (44-02-2).	C1000	
19	(a) VOR antenna (Mod 6/2003), inspect bonding of mating surfaces between no.1 and no. 2 antenna and airframe (< 3 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-02d).	C1000	
	(b) Glideslope antenna (Mod 6/2003), inspect bonding of mating surfaces between the antenna and airframe (< 3 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-03c).	C1000	
	(c) Marker beacon antenna (Mod 6/2003), inspect bonding of mating surfaces between the antenna and airframe (< 3 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-04d).	C1000	
	(d) Weather radar transmitter and receiver (RDR 2000), (Mod 6/2049), inspect bonding of mating surfaces between the unit base and airframe (< 2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-06e).	C1000	
	(e) XM antenna (Mod SOO 6211, Mod 6/2003), inspect bonding of mating surfaces between the connector shell and airframe (< 2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-21a-2).	C1000	
	(f) VHF upper aft antenna (Mod 6/2003), inspect bonding of the mating surfaces between the antenna and the airframe (< 3 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (23-02c-2).	C1000	

CARD No. 17

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
19 (Cont'd)	(g) VHF fwd antenna (Mod 6/2003), inspect bonding of the mating surfaces between the antenna and the airframe (< 3 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (23-02d-2).	C1000	
	(h) VHF lower aft antenna (Mod SOO 6231, Mod 6/2003), inspect bonding of the mating surfaces between the antenna and the airframe (< 3 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (23-02e-2).	C1000	
	(i) ADF antenna #1 (Mod SOO 6209, Mod 6/2003), inspect bonding of mating surfaces between the antenna and airframe (< 3 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-23-2).	C1000	
	(j) ADF antenna #2 (Mod SOO 6217, Mod 6/2003), inspect bonding of mating surfaces between the antenna and airframe (< 3 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-24-2).	C1000	
	(k) VHF-FM antenna (Mod SOO 6296), inspect bonding of mating surfaces between the antenna and airframe (<3 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (23-02f-2).	C1000	
	(l) GPS/IRIDIUM/WiFi Antenna (SOO 6288 or 6298), inspect bonding of mating surfaces between antenna baseplate and airframe (<3 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (23-09-2).	C1000	
20	ADAHRS – Magnetometer (KMG 7010) (Mod SOO 6209 and Mod 6/2049), (Post Mod 6/2171).		
	(a) For condition and security, bonding wires for condition and security of attachment. (34-22c-1).	C1000	

CARD No. 17

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
20 (Cont'd)	(b) Inspect bonding of mating surfaces between mounting tray and airframe (<2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-22c-2).	C1000	
	FINAL CLOSE UP		
21	Lower aircraft from jacks.		
22	Install and secure the panels that follow: F4, F5, F7, F8, F9, F12, F13, F14, F17, F18 and F20.		
	TOTAL SIGN OFF		

CARD No. 18

This Card Required for the EMMA Checks that follow:
2, 10, 18, 26, 34, 42.

A/C Registration No.	Date.
Area: **2. Internal**	Trade: **Airframe**

Manhours: Prep: 0.7 Hrs. Total: 3.7 Hrs.	Mech. Initial	Insp. Initial
Accomplished at Hours		

	PREPARATION		
A	Remove battery access panel in rear compartment floor.		
B	Remove forward left floor panel in rear baggage compartment.		
C	Remove rear baggage compartment/rear fuselage access panel.		
D	Remove either front or rear aft baggage compartment extension floor panel.		
E	Remove all cabin roof center and side panels.		
F	Consumable items. Refer to CI card.		
	INSPECTIONS		
*1	DELETED		
*2	Airframe deicing timer and connectors for condition and security. (30-03e).	C1000	
3	Flap/elevator interconnect, elevator trim cables and flap indicator cables for condition, fraying, corrosion, flattening and security of attachment; turnbuckles for security, pulleys for condition, security and freedom of operation. Do a detailed visual inspection of cable terminals as follows: (a) Remove and discard the lockwire from the cable terminals. **NOTE: If safety clip is installed, do not remove the safety clip.** (b) Do a detailed visual inspection of cable terminals (excluding the hexagonal wrench flat area) for signs of corrosion pits. (c) Do a detailed visual inspection of cable terminals for signs of cracks in all exposed parts of the terminals. (d) If corrosion pits and/or cracks are found on any cable terminal, remove the applicable cable assembly and replace with new cable assembly. (e) If a new cable assembly is installed or if the rigging was disturbed when the lockwire was removed in step (a), rig the control system. (f) If the lockwire was removed, secure the cable terminals with lockwire. (27-10c-1).	C1000	

CARD No. 18

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
4	Stall warning cam limit microswitch mechanism and propeller reset limit switch (Pre Mod 6/1223) for condition and security, connector for security. (27-15d, 61-08f).	C1000	
*5	Flap system thermal relief valves for leakage and security. (29-04).	C1000	
6	Rudder, elevator and aileron control cables from (flight compartment to empennage) for fraying, corrosion, flattening, proper attachment and security, pulleys for condition and freedom of movement, pulley brackets and guide for condition and security, turnbuckles for security. Do a detailed visual inspection of cable terminals for signs of corrosion pits or cracks. **NOTE 1: Refer to Service Bulletin No. 6/523, if applicable.** **NOTE 2: Ensure adequate clearance with adjacent electrical conduits, structure and other systems, making allowance for vibratory motion of cable under tension.** **NOTE 3: In the event of early or abnormal cable wear at pulley(s), replace the worn cable(s) and the corresponding pulley(s).** (27-04-1).	C1000	
7	Aileron flight control cable quadrants in cabin roof for condition and security, bearings for condition, cable guides for security. Clean as required. (27-11d).	C1000	
8	CVR (Mod SOO 6384) (Mod 6/2049).	C1000	
	(a) For condition and security; bonding wires for condition and security of attachment. (31-09-1).		
	(b) Inspect bonding of the mating surfaces between the unit and airframe (< 2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (31-09-2).		
9	FDR (Mod SOO 6385) (Mod 6/2049) (Post Mod 6/2332).	C1000	
	(a) For condition and security; bonding wires for condition and security of attachment. (31-10-1).		
	(b) Inspect bonding of the mating surfaces between the unit and airframe (< 2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (31-10-2).		

CARD No. 18

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
10	Rear baggage compartment for condition. Equipment shelves for cracks, buckling and corrosion. Clean as required. (53-05-3).	C1000	
10A	Aft avionics equipment shelves (Mod 6/2048), inspect aft avionics shelves to airframe for electrical bonding (< 2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (53-21-1).	C100	
10B	Aft avionics equipment shelves (Mod 6/2048), ensure bonding jumpers have no sign of corrosion; braid damage such as kinks, fretting or fraying, cracked or broken terminal ends. (53-21-2).	C1000	
11	Radio equipment racks in rear baggage compartment for cracks, buckling and corrosion. Vibration isolators for condition. (53-05-2).	C1000	
12	Navigation equipment, where installed, for condition and security of mounting, cables for condition and connectors for security, terminal blocks for condition. Clean as required. (Pre Mod 6/2049)	N/A Mod incorporated	
	(a) HF power unit (23-03d).		
	(b) DME unit (34-08m).		
	(c) Radio Altimeter (34-08l).		
	(d) DELETED		
*13	Horizontal stabilizer deicing system as follows:	C1000	
	(a) Ejector for condition and security; clear of obstructions. Clean as required. (30-03k).		
	(b) Distributor valve for condition, security and leakage. (30-03f).		
	(c) Distributor valve heating jacket for security; electrical connections for corrosion and security. (30-03g).		
	(d) Horizontal stabilizer pressure system indicating switches for security; electrical connections for security. (30-03h).		
	(e) Pipe for condition, chafing, loose clamps and connections; flexible hoses for deterioration, chafing and security. (30-03j).		

CARD No. 18

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
14	Cabin, side escape hatch and cabin door windows for condition, crazing and security. Inspect vents (SOO 6368) for condition and security of attachment. Replace if required. (56-02b, 56-02c, 56-02d).	C1000	
15	HF antenna coupler connections for condition and mounting for security. Clean as required. (Pre Mod SOO 6215, Pre Mod 6/2049). (23-03c).	N/A Mod incorporated N/A	
*16	VOR antenna disconnect for cleanliness and security. (34-02b).		
17	Grounding and bonding leads for condition and security. Clean as required. (24-13).	C1000	
18	Rudder, and elevator trim tab control cables (flight compartment to empennage) for full and free movement, fraying, kinks, flattening, proper attachment and security, turnbuckles for security, pulleys for freedom of operation and pulley brackets for condition and security. Do a detailed visual inspection of cable terminals as follows: (a) Remove and discard the lockwire from the cable terminals. **NOTE: If safety clip is installed, do not remove the safety clip.** (b) Do a detailed visual inspection of cable terminals (excluding the hexagonal wrench flat area) for signs of corrosion pits. (c) Do a detailed visual inspection of cable terminals for signs of cracks in all exposed parts of the terminals. (d) If corrosion pits and/or cracks are found on any cable terminal, remove the applicable cable assembly and replace with new cable assembly. (e) If a new cable assembly is installed or if the rigging was disturbed when the lockwire was removed in step (a), rig the control system. (f) If the lockwire was removed, secure the cable terminals with lockwire. (27-05-1).	C1000	
19	Voltage regulators for condition and security, mounting location for condition and security. Clean as required. (24-14).	C1000	
*20	Do slip clutch torque inspection test on rudder and elevator autopilot servo capstan (Collins AP106 model), if installed, as per Collins SIL 1-94 every 1000 flight hours and adjust, if necessary. (22-33b, 22-34b).	Not Installed	

CARD No. 18

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
*21	Do slip clutch torque inspection test on autopilot pitch trim servo unit (Collins AP106 model), if installed, as per Collins SIL 1-94 every 1000 flight hours and adjust, if necessary. (22-35a-3).	N/A	
22	Fuselage aileron, elevator and rudder flight control cables, flap to elevator interconnect tab cables, flap selector valve and follow up cables and all trim tab cables for tension. (27-04-4, 27-05-2, 27-09c-2, 27-10c-2).	C1000	
23	DAU (Mod 6/2049)	C1000	
	(a) For condition and security; bonding wires for condition and security of attachment. (31-11-1).		
	(b) Inspect bonding of the mating surfaces between the mounting tray and the airframe (< 2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (31-11-2).		
	(c) DAU cooling fan for condition and security; bonding wires for condition, security and security of attachment. (21-21-1).		
24	ELT (Mod 6/2049)	C1000	
	(a) Inspect bonding of the mating surfaces between the backshell and airframe (< 2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (25-07a-1).		
	(b) ELT antenna, Inspect bonding of the mating surfaces between the antenna and airframe (< 3.0 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (25-07a-2).		
25	Aft baggage compartment door (Mod 6/2024, Mod 6/2373) inspect bonding of the door and airframe (< 10 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (52-05c).	C1000	
26	Cabin left and right doors (Mod 6/2024, Mod 6/2371, Mod 6/2372) inspect bonding of the door and airframe (< 10 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (52-02b).	C1000	

CARD No. 18

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
27	Airstair door (Mods 6/2024, 6/2295) inspect bonding of the doors and airframe (< 10 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (52-03e).		
28	DME		
	(a) Transceiver unit #1 (KN63) (Mod SOO 6388) (Mod 6/2049) inspect for condition and security; bonding wires for condition and security of attachment. (34-17-1).	C1000	
	(b) Transceiver unit #1 (KN63) (Mod SOO 6388) (Mod 6/2049) do an operational test (Power on). (34-17-2).	C1000	
	(c) Transceiver unit #1 (KN63) (Mod SOO 6388) (Mod 6/2049) inspect bonding of the mating surfaces between the mounting tray and airframe (< 2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-17-3).	C1000	
	(d) Transceiver unit #2 (KN63) (Mod SOO 6386, Mod 6/2049) inspect for condition and security; bonding wires for condition and security of attachment. (34-17a-1).	C1000	
	(e) Transceiver unit #2 (KN63) (Mod SOO 6386, Mod 6/2049) do an operational test (Power on). (34-17a-2).	C1000	
	(f) Transceiver unit #2 (KN63) (Mod SOO 6386, Mod 6/2049) inspect bonding of the mating surfaces between the mounting tray and airframe (< 2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-17a-3).	C1000	
	(g) Center fuselage antenna (Mod SOO 6388) (Mod 6/2003) inspect bonding of the mating surfaces between the antenna and airframe (< 3.0 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-17b-2).	C1000	

CARD No. 18

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
28 (Cont'd)	(h) Antenna #2 (Mod SOO 6386, Mod 6/2003) inspect bonding of the mating surfaces between the antenna and airframe (< 3.0 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-17c-2).	C1000	
29	Radar Altimeter		
	(a) Unit #1 (Mod SOO 6388, Mod 6/2049) inspect for condition and security; bonding wires for condition and security of attachment. (34-18-1).	C1000	
	(b) Unit #1 (Mod SOO 6388, Mod 6/2049) do an operational test (Power on). (34-18-2).	C1000	
	(c) Unit #1 (Mod SOO 6388, Mod 6/2049) inspect bonding of the mating surfaces between the mounting tray and airframe (< 2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-18-3).	C1000	
	(d) Unit #2 (Mod SOO 6218, Mod 6/2049) inspect for condition and security; bonding wires for condition and security of attachment. (34-18a-1).	C1000	
	(e) Unit #2 (Mod SOO 6218, Mod 6/2049) do an operational test (Power on). (34-18a-2).	C1000	
	(f) Unit #2 (Mod SOO 6218, Mod 6/2049) inspect bonding of the mating surfaces between the mounting tray and airframe (< 2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-18a-3).	C1000	
	(g) Antenna #1 (Mod SOO 6388, Mod 6/2003) inspect bonding of the mating surfaces between the antenna and airframe (< 3.0 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements Page 7, Para 12 for details.** (34-18b-2).	C1000	
	(h) Antenna #2 (Mod SOO 6388, Mod 6/2003) inspect bonding of the mating surfaces between the antenna and airframe (< 3.0 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements Page 7, Para 12 for details.** (34-18c-2).	C1000	

CARD No. 18

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
29 (Cont'd)	(i) Antenna #3 (Mod SOO 6218) inspect bonding of the mating surfaces between the antenna and airframe (< 3.0 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements Page 7, Para 12 for details.** (34-18d-2).	C1000	
	(j) Antenna #4 (Mod SOO 6218) inspect bonding of the mating surfaces between the antenna and airframe (< 3.0 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements Page 7, Para 12 for details.** (34-18e-2).	C1000	
30	HF Communication System	Not Installed	
	(a) Control head (PS 440) (Mod SOO 6215, Mod 6/2049) inspect for condition and security; bonding wires for condition and security of attachment. (23-03e-1).		
	(b) Control head (PS 440) (Mod SOO 6215, Mod 6/2049) inspect grounding of unit wiring bundle shield braid to airframe (< 2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements Page 7, Para 12 for details.** (23-03e-2).		
	(c) Receiver/exciter (Mod SOO 6215, Mod 6/2049) inspect for condition and security; bonding wires for condition and security of attachment. (23-03f-1).		
	(d) Receiver/exciter (Mod SOO 6215, Mod 6/2049) inspect bonding of the mating surfaces between the mounting tray and airframe (< 2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements Page 7, Para 12 for details.** (23-03f-2).		
	(e) Receiver amplifier (Mod SOO 6215, Mod 6/2049) inspect for condition and security; bonding wires for condition and security of attachment. (23-03g-1).		
	(f) Receiver amplifier (Mod SOO 6215, Mod 6/2049) inspect bonding of the mating surfaces between the mounting tray and airframe (< 2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements Page 7, Para 12 for details.** (23-03g-2).		

CARD No. 18

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
30 (Cont'd)	(g) Coupler (KAC1052) (Mod SOO 6215, Mod 6/2049) inspect for condition and security; bonding wires for condition and security of attachment. (23-03h-1).		
	(h) Coupler (KAC1052) (Mod SOO 6215, Mod 6/2049) inspect bonding of the mating surfaces between the mounting tray and airframe (< 2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements Page 7, Para 12 for details.** (23-03h-2).		
	(i) Antenna (Mod SOO 6215, Mod 6/2003) inspect bonding of the antenna bonding strap from the antenna coupler to antenna base (< 3.0 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements Page 7, Para 12 for details.** (23-03i-2).		
31	Master warning and caution indication and control inspect for condition and security; bonding wires for condition and security of attachment. (31-12-1).	C1000	
32	HF coupler (KAC 1052) (Mod SOO 6215, Mod 6/2049), pressure test coupler. **NOTE: Refer to Maintenance Manual.** (23-3h-3).	not Installed	
33	AFCS (Autopilot) (Mod SOO 6221) SM3000 Elevator Servo System - Elevator Servo: Check bridle cable tensions. (22-52c).	C1000	
34	AFCS (Autopilot) (Mod SOO 6221) SM3000 Elevator Servo System	C1000	
	(a) Elevator Servo: Inspect grounding of unit wiring bundle shield braid to airframe structure. (<7.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements Page 7, Para 12 for details.** (22-52d).		
	(b) Elevator Servo: Inspect bonding of the mating surfaces between the servo mount and airframe structure. (<2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements Page 7, Para 12 for details.** (22-52e).		
35	AFCS (Autopilot) (Mod SOO 6221) SM3000 Rudder Servo System - Rudder Servo: Check bridle cable tensions and verify no slippage of clamps has occurred. (22-53c).	C1000	

CARD No. 18

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
36	AFCS (Autopilot) (Mod SOO 6221) SM3000 Rudder Servo System	C1000	
	(a) Rudder Servo: Inspect grounding of unit wiring bundle shield braid to airframe structure (<7.5 milliohms) **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements Page 7, Para 12 for details.** (22-53d).		
	(b) Rudder Servo: Inspect bonding of the mating surfaces between the servo mount and airframe structure. (<2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements Page 7, Para 12 for details.** (22-53e).		
37	AFCS (Autopilot) (Mod SOO 6221) KS272A Pitch Trim Servo System	C1000	
	(a) Pitch Trim Servo: Inspect grounding of unit wiring bundle shield braid to airframe structure. (<7.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements Page 7, Para 12 for details.** (22-54f).		
	(b) Pitch Trim Servo: Inspect bonding of the mating surfaces between the servo mount and airframe structure. (<2.5 milliohms). **NOTE: HIRF/IEL/DEL inspection. Refer to Inspection Requirements Page 7, Para 12 for details.** (22-54g).		
38	AFCS (Autopilot) (Mod SOO 6221) KS272A Pitch Trim Servo System - Pitch Trim Servo: Check bridle cable tensions. (22-54h).	C1000	
39	Quick Access Recorder (Mod SOO 6356) for condition, security and corrosion; electrical wires and connectors for security of attachment. (31-14-1).	N/A	
	FINAL CLOSE UP		
40	Install and secure all cabin roof center and side panels.		
41	Install and secure battery access panel.		
42	Install rear baggage compartment floor panel.		
43	Install rear baggage compartment/rear fuselage access panel.		
	TOTAL SIGN OFF		

CARD No. 19

This Card Required for the EMMA Checks that follow:
3, 11, 19, 27, 35, 43.

A/C Registration No.		Date.	
Area: **3. Internal**		Trade: **Airframe**	
Manhours: Prep: 0.4 Hrs.	Total: 2.0 Hrs.	Mech. Initial	Insp. Initial
Accomplished at	Hours		

	PREPARATION		
A	Remove the following panels: T3, T4, T5, T6, T7, T8, T9, T11, T13, T14, T16 and T19.		
	INSPECTIONS		
1	Rudder flight control cables and tab cables, flap/elevator interconnect and elevator trim cables for fraying, kinks, flattening, corrosion and security of attachments; cable ends with nylon sheathing, (where applicable), for condition. Turnbuckles for security. Replace cable where evidence of damage is found. Do a detailed visual inspection of cable terminals for signs of corrosion pits or cracks. **NOTE 1: Refer to Service Bulletin No. 6/523, if applicable.** **NOTE 2: Ensure adequate clearance with adjacent electrical conduits, structure and other systems, making allowance for vibratory motion of cable under tension.** **NOTE 3: In the event of early or abnormal cable wear at pulley(s), replace the worn cable(s) and the corresponding pulley(s).** (27-10c-1, 27-4-1, 27-5-1).	C1000	
2	DELETED		
3	Horizontal stabilizer fwd. and aft brackets (with Mods 6/1808 and 6/1809 retrofitted with Mods 6/1855 and 6/1856) for loose brackets and fasteners. **NOTE 1: Repeat inspections every 800 hours or 8 months, whichever occurs first until retrofitted brackets are reinstalled by Mods 6/1890,6/1891 and 6/1892.** **NOTE 2: Refer to Service Bulletin Nos. 6/438 and 6/513, and A.D. CF-85-10, CF-92-04 or 95-22-07, if applicable.** (55-02b).	N/A by Mod	
4	Position, anti-collision and strobe lights for condition and security (Pre Mod 6/2028). **NOTE: Refer to Service Bulletin No. 6/57 and A.D. 67-33 -01 for (Pre Mod 6/1116) aircraft, if applicable.** (33-02a-1, 33-02b-1, 33-02b-2, 33-02d-1).	N/A Mod incorporated	

CARD No. 19

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
5	Rudder gear tab mechanisms as follows:	C1000	
	(a) Gear box for condition and security of mounting plate installation and cover, tab pushrod for security and evidence of irregular operation during rudder movement. (27-07a-1).		
	(b) Gear box to rudder linkage for condition and security, pushrod for security of attachments. (27-07b, 27-06b).		
6	Horizontal stabilizer (Pre Mods 6/1808 and 6/1809) fwd. and aft brackets for condition, cracks and corrosion **NOTE 1: Repeat inspections every 800 hours or 8 months, whichever occurs first, until brackets are replaced by Mods 6/1890, 6/1891 and 6/1892.** **NOTE 2: Refer to Service Bulletin Nos. 6/438 and 6/513, and A.D. CF-83-21, CF-92-04 or 03-26-05, 95-22-07, if applicable.** (55-02a, 55-02b).	N/A Mod incorporated N/A by Mod	
7	Mid hinge arm adapter plate (Pre Mod 6/1341) for condition, corrosion, fasteners for security and bearings for condition. (55-02f-1).	N/A Mod incorporated C1000	
	FINAL CLOSE UP		
8	Install and secure the following panels: T3, T4, T5, T6, T7, T8, T9, T11, T13, T14, T16 and T19.		
	TOTAL SIGN OFF		

CARD No. 20

This Card Required for the EMMA Checks that follow:
2, 10, 18, 26, 34, 42.

A/C Registration No.	Date.
Area: **4. External**	Trade: **Airframe**

Manhours: Prep: 0.6 Hrs. Total: 2.8 Hrs.	Mech. Initial	Insp. Initial
Accomplished at Hours		

	PREPARATION		
A	Remove panels W3, W4, W8, W9, W10, W11, W12, W13 and T22.		
*B	Remove wing tip W14 (when wing fuel tank is installed).		
C	Remove top center wing root fairing.		
D	Lower engine cowling W7.		
E	Remove engine cowling W29.		
	INSPECTIONS		
1	Wing tip position and strobe light for condition and security, wing tip rib installation (Pre Mod 6/1513 and 6/2028) for condition. **NOTE: Refer to Service bulletin No's 6/318 and A.D's CF-76-21 or 76-13-06, if applicable (Pre Mod 6/2028).** (33-02a-1, 33-02d-1, 33-02e).	N/A Mod incorporated	
*2	Wing tank fuel system (SOO 6095 and 6247) components installed at wing tip comprising of: pressure pump, pressure switch, tank fuel float (Pre Mod 6/2046), transfer valve, refuel shut off valve, level control valve, pipes and connectors for condition, security and leakage, electrical wiring for condition and connectors for security. Clean as required. (28-15a, 28-15b, 28-15c, 28-15d, 28-15e, 28-15f, 28-15g, 28-15h).	C1000 N/A Mod incorporated	
3	Aileron nose and tail skins for condition, dents, scores, abrasions and fasteners security. (57-17a).	C1000	
4	Aileron trim tab actuator for smooth operation and security; electrical wiring and connections for security; linkages for damage, safety and security; position transmitter for cleanliness, loose connections and security of mounting. (27-08a, 27-08b, 27-08c).	C1000	
5	Outboard and inboard foreflaps for condition, drain holes for obstruction, skins for dents, scores, corrosion, cracks and fasteners for security. (57-15a).	C1000	
6	Aileron bellcrank structure channels for condition, fasteners for security, bearings for freedom of operation and security. (57-18).		
7	Landing light for condition and security. Clean lens as required (Pre Mod 6/2028). (33-02c-1).	N/A Mod incorporated	

CARD No. 20

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
*8	Wing deicing system as follows: (a) Distributor valves for leaks and security. (30-03f).	C1000	
	(b) Distributor valves heater jackets for security; electrical connections for corrosion and security. (30-03g).		
	(c) Pipes for condition, chafing, loose clamps and connections; flexible hoses for deterioration, chafing and security. (30-03j).		
9	All accessible electrical wiring for deterioration, chafing, bonding wire for fraying, corrosion and security of attachment; connectors for cleanliness and security. (57-07-2).	C1000	
10	Position transmitter (Mod 6/2047), inspect for security of mounting and brackets; wiring and connections for security. Clean as required. (27-08g, 27-09g, 27-17a, 27-17b, 27-18a, 27-18b).	C1000	
11	Aileron wing flight control cables for fraying, flattening, corrosion, proper attachment and security, pulleys for condition and freedom of movement, pulley brackets and guides for condition and security, turnbuckles security. Do a detailed visual inspection of cable terminals for signs of corrosion pits or cracks. **NOTE 1: Refer to Service Bulletin No. 6/523, if applicable.** **NOTE 2: Ensure adequate clearance with adjacent electrical conduits, structure and other systems, making allowance for vibratory motion of cable under tension.** **NOTE 3: In the even of early or abnormal cable wear at pulley(s), replace the worn cable(s) and the corresponding pulley(s).** (27-04-1).	C1000	
12	Aileron trim and gear tab hinge adapter for corrosion, wear, security and freedom of movement. (57-17e).	C1000	
13	Aileron trim and gear tab skins for condition, buckling and fasteners for security, hinge arms for condition, corrosion and security, tab hinge for condition, corrosion, wear and freedom of movement. Lubricate. (57-19a, 57-19b, 57-19c).	C1000	
14	(a) Wing root rib/flap pushrod support rollers (Post Mod 6/1707) for condition, wear and security, proper clearance between rod surface and roller and freedom of operation. (27-14).	C1000	
	(b) Wing root rib/flap pushrod support rollers, lubricate inside of spacer and bolt. (27-14a).	C1000	

CARD No. 20

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
15	Install new compressor P3 filter element (1000 hours maximum based on service experienced and environment). (73-09-2).	C0100	
16	Fuselage forward spar adapters (Pre Mod 6/1189) for condition, corrosion, cracks and fasteners for security. (53-12).	N/A Mod incorporated C1000	
17	Inboard and outboard foreflap pushrod fork attachment for corrosion and security of attachment. (57-20).	C1000	
18	ADAHRS - Magnetometer (KMG 7210) (Mod SOO 6209 and Mod 6/2049 and Pre Mod 6/2171).		
	(a) For condition and security; bonding wires for condition and security of attachment. (34-22b-1).	C1000	
	(b) Inspect bonding of mating surfaces between the mounting feet and airframe structure (< 2.5 milliohms). **NOTE HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (34-22b-2).	C1000	
19	ESIS - Magnetometer (Mod SOO 6209 and Mod 6/2049).	C1000	
	(a) For condition and security; bonding wires for condition and security of attachment. (31-07b-1).		
	(b) Inspect bonding of mating surfaces between the mounting feet and airframe structure (< 2.5 milliohms). **NOTE HIRF/IEL/DEL inspection. Refer to Inspection Requirements, Page 7, Para 12 for details.** (31-07b-2).		
20	Rudder, elevator and aileron position voltage check (Mod 6/2047). (27-17e, 27-18e, 27-8f).	C1000	
	FINAL CLOSE UP		
21	Install and secure panels W3, W4, W8, W9, W10, W11, W12, W13 and T22.		
22	Install and secure wing tip W14 (when wing fuel tank is installed).		
23	Install top center wing root fairing.		
24	Install engine cowling W29.		
25	Raise and secure engine cowling W7.		
	TOTAL SIGN OFF		

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CARD No. 21

This Card Required for the EMMA Checks that follow:
1, 9, 17, 25, 33, 41.

A/C Registration No.	Date.
Area: **5. External**	Trade: **Airframe**

Manhours: Prep: 0.4 Hrs. Total: 2.7 Hrs.	Mech. Initial	Insp. Initial
Accomplished at Hours		

	PREPARATION		
A	Remove panels W17, W18, W22, W23, W24, W25, W26 and W27.		
*B	Remove wing tip W28 (when wing fuel tank is installed).		
C	Remove top center wing root fairing.		
D	Lower engine cowling W21.		
E	Remove engine cowling W33.		
	INSPECTIONS		
1	Wing tip position and strobe light for condition and security, and wing tip rib installation (Pre Mod 6/1513 and 6/2028) for condition. **NOTE: Refer to Service Bulletin No's 6/318, 6/57 and A.D. CF-76-21 or 76-13-06, 67-33-01, if applicable.** (33-02a-1, 33-02d-1, 33-02e).	N/A Mod incorporated	
*2	Wing tank fuel system (SOO 6095 and 6247) components installed at wing tip comprising of: pressure pump, pressure switch, tank fuel float (Pre Mod 6/2046), transfer valve, refuel shut off valve, level control valve, pipes and connectors for condition, security and leakage, electrical wiring for condition and connectors for security. Clean as required. (28-15a, 28-15b, 28-15c, 28-15d, 28-15e, 28-15f, 28-15g, 28-15h).	C1000 N/A Mod incorporated	
3	Aileron nose and tail skins for condition, dents, scores, abrasions and fasteners security (57-17a).		
4	Outboard and inboard foreflaps for condition, drain holes for obstruction, skins for dents, scores, corrosion, cracks and fasteners for security. (57-15a).		
5	Aileron bellcrank structure channels for condition, fasteners for security, bearings for freedom of operation and security. (57-18).		
6	Landing light for condition and security. Clean lens as required (Pre Mod 6/2028). (33-02c).	N/A Mod incorporated	
*7	Wing deicing system as follows:	C1000	
	(a) Distributor valves for leaks and security. (30-03f).		

CARD No. 21

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
7 (Cont'd)	(b) Distributor valves heater jackets for security; electrical connections for corrosion and security. (30-03g).		
	(c) Pipes for condition, chafing, loose clamps and connections; flexible hoses for deterioration, chafing and security. (30-03j).		
8	All accessible electrical wiring for deterioration, chafing, bonding wire for fraying, corrosion and security of attachment; connectors for cleanliness and security. (57-07-2).	C1000	
9	DELETED		
10	Aileron wing flight control cables for fraying, flattening, corrosion, proper attachment and security, pulleys for condition and freedom of movement, pulley brackets and guides for condition and security, turnbuckles security. Do a detailed visual inspection of cable terminals for signs of corrosion pits or cracks. **NOTE 1: Refer to Service Bulletin No. 6/523, if applicable.** **NOTE 2: Ensure adequate clearance with adjacent electrical conduits, structure and other systems, making allowance for vibratory motion of cable under tension.** **NOTE 3: In the event of early or abnormal cable wear at pulley(s), replace the worn cable(s) and the corresponding pulley(s).** (27-04-1).	C0100	
11	Aileron trim and gear tab hinge adapter for corrosion, wear, security and freedom of movement. (57-17e).	C1000	
12	Aileron trim and gear tab skins for condition, buckling and fasteners for security, hinge arms for condition, corrosion and security, tab hinge for condition, corrosion, wear and freedom of movement. Lubricate. (57-19a, 57-19b, 57-19c).	C1000	
13	(a) Wing root rib/flap pushrod support rollers (Post Mod 6/1707) for condition, wear and security, proper clearance between rod surface and roller and freedom of operation. (27-14).	C1000	
	(b) Wing root rib/flap pushrod support rollers, lubricate inside of spacer and bolt. (27-14-a).	C1000	
14	Install new compressor P3 filter element (1000 hours maximum based on service experienced and environment). (73-09-2).	C1000	

CARD No. 21

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
15	Fuselage forward spar adapters (Pre Mod 6/1189) for condition, corrosion, cracks and fasteners for security. (53-12).	N/A Mod incorporated	
16	Inboard and outboard foreflap pushrod fork attachment for corrosion and security of attachment. (57-20).	C1000	
	FINAL CLOSE UP		
17	Install and secure panels W17, W18, W22, W23, W24, W25, W26 and W27.		
18	Install and secure wing tip W28 (when wing fuel tank is installed).		
19	Install top center wing root fairing.		
20	Install engine cowling W33.		
21	Raise and secure engine cowling W21.		
	TOTAL SIGN OFF		

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CARD No. 22

This Card Required for the EMMA Checks that follow:
5, 17, 29, 41.

A/C Registration No.	Date.
Area: **1. Internal**	Trade: **Airframe**
Manhours: Prep: 0.3 Hrs. Total: 3.0 Hrs.	Mech. Initial / Insp. Initial
Accomplished at Hours	

	PREPARATION		
A	Open and secure nose baggage compartment door F2, or nose cap F1 (Short nose).		
B	Open panels F3 and F10.		
C	Remove radio equipment screens in nose baggage compartment.		
	INSPECTIONS		
1	Ram air (Pre Mod and Mod 6/1070) screens scoop and duct for condition. (21-13a-2, 21-13b-2).	C1500	
*2	Nose baggage compartment door latches for condition, security and proper operation. (52-05b).	C1500	
3	Nose baggage compartment lights for condition and security. (33-05).	C1500	
*4	Door unlocked warning system for condition and security; limit switches and actuator mechanisms for condition and security. Operate each door separately. (33-06-1).	C1500	
5	Radio navigation equipment shock mounts for condition, cracks, corrosion and security; vibration isolators for condition; bonding wire for condition and security. (23-04b, 34-07b).	C1500	
6	Windshield wiper motor for security of attachment; converters for condition and freedom of movement; flexible drives for condition, security and freedom of operation; evidence of water ingress. Wiring and connectors for condition and security. (30-04b, 30-04c, 30-04d, 30-04e).	C1500	
*7	Crew oxygen system pipes and connections for nicks, dents, chafing, cleanliness and security. (35-01h).	N/A	
8	Electrical wiring and connectors forward of instrument panel for condition and security; bonding wires for condition. (21-16, 24-15).	C1500	
9	Flight compartment RH and LH doors for condition, corrosion and security; seals for condition and security. (52-01).	C1500	

CARD No. 22

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
10	Ram air and cabin air control valves operating mechanism for ease of operation and security; flexible cable, clamps and brackets for condition and security. (21-03-1, 21-04-1).	C1500	
11	Heater ejector for condition and security. (21-01).	C1500	
12	Heater silencer for condition and security; insulation for condition and security. (21-02).	C1500	
*13	Main ram air duct ground operable fan for security. (21-13c).	C1500	
14	Flight compartment and cabin heater ducts for condition and evidence of overheat, connections for security. Ducts for condition and delamination; supporting structure for condition and security. (21-13d).	C1500	
15	Hot air valve for security. (21-09-1).	C1500	
16	Electrical wiring and connectors under flight compartment floor for condition and security; bonding wires for condition and security. (21-16, 24-15).	C1500	
17	Instrument pneumatic system (Extended (Mod 6/1077) nose baggage compartment bleed air or engine driven pump installation) as follows.		
	(a) Pressure regulators for damage and security. (36-02a, 36-03d).	C1500	
	(b) Pressure relief valves for damage and security. (36-02b, 36-03e).	C1500	
	(c) Mounting plate for cracks, damage and security. (36-02f, 36-03g).	C1500	
	(d) Piping for condition, connections for security, flexible hoses for condition. (36-03j).	C1500	
18	Nose landing gear torque arms, bushing and pip-pin for wear, condition, corrosion and security; pip-pin chain for security. (32-08a).	C1500	
19	Nose gear attachment fittings for corrosion and cracks, pre load bolt torque marks for proper alignment. (32-08b).	C1500	
20	Crew oxygen cylinder (Pre Mod 6/1836) mounting brackets for condition and security. (35-01e-1).	N/A	

CARD No. 22

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
21	Elevator bellcrank and Hyd. Hand Pump attaching structure for condition, cracking and security of fasteners. **NOTE: Refer to Service Bulletin No. 6/348 and A.D. CF-77-05 or 77-03-07 and 93-02-04, if applicable, to Pre Mod 6/1594 standard.** (53-18).	C1500	
22	Navigation equipment for condition and security of mounting; cables and connectors (connections) for security, terminal blocks for security. Clean as required.		
	(a) ADF Nos. 1 and 2 power units (Pre Mod 6/2049). (34-01b).	N/A by Mod	
	(b) VOR Nos. 1 and 2 power divider (Pre Mod 6/2049). (34-02c).	N/A by Mod	
	(c) Marker beacon receiver (Pre Mod 6/2049). (34-04a).	N/A by Mod	
	(d) VHF NAV/COMM power supply unit (Pre Mod 6/2049). (34-05d).	N/A by Mod	
	(e) C14 gyro magnetic compass (Pre Mod 6/2049). (34-14).	N/A by Mod	
23	(a) 14 volt outlet (Mod 6/2028, SOOs 6272, 6281 and 6282) for condition and security; bonding wires for condition and security of attachment. (25-12a).	C1500	
	(b) 28 volt outlet (SOO 6283) for condition and security; bonding wires for condition and security of attachment. (25-12b).	C1500	
*24	External power and battery relays (SOO 6371) for condition and security; bus bars for condition. Clean as required. (24-16-1).	Not Installed	
	FINAL CLOSE UP		
25	Install and secure radio equipment screens in nose baggage compartment.		
26	Close panels F3 and F10.		
27	Close and secure nose baggage compartment door F2 or nose cap F1 (Short nose).		
	TOTAL SIGN OFF		

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CARD No. 23

This Card Required for the EMMA Checks that follow:
3, 15, 27, 39.

A/C Registration No.		Date.	
Area: **1. Internal**		Trade: **Airframe**	
Manhours: Prep: 0.3 Hrs.	Total: 2.5 Hrs.	Mech. Initial	Insp. Initial
Accomplished at	Hours		

	PREPARATION		
A	Remove panels covering static system piping in right hand and left hand flight compartment locations.		
B	Remove upholstery panels in flight compartment as required to gain access to electrical wiring and connectors.		
C	Remove cover from overhead console.		
	INSPECTIONS		
1	Instrument panels for condition and security; bonding wires for condition and security. (31-01).	C1500	
2	Flap selector lever for condition, proper detente action of movement and security. Lubricate. (27-09d).	C1500	
3	Ram air and cabin air control valves for ease of operation and security; flexible cable, clamps and brackets for condition and security. (21-03-1, 21-04-1).	C1500	
*4	Instrument pneumatic system (vacuum operated) as follows: (Pre Mod 6/2049)	N/A by Mod 6/2049	
	(a) Emergency instrument vacuum valve for condition and security, ease of operation. (36-04e).		
	(b) Pressure and suction indicators for condition and security. (36-04f).		
	(c) Pipes for condition, connections for security; flexible hoses for condition. (36-04g).		
5	ADF flexible drive outer casing for condition and security. Rotate crank and ensure free rotation of cable drive. (Pre Mod 6/2049) (34-01d).	N/A Mod incorporated	
6	Air temperature indicator for condition and security. (Pre Mod 6/2049) (34-08h).	N/A Mod incorporated	
7	Indicators as follows for condition and security:		
	(a) Gas Generator Tachometer. (Pre Mod 6/2012) (77-01a).	N/A Mod incorporated	
	(b) Turbine Temperature. (Pre Mod 6/2012) (77-01b).	N/A Mod incorporated	

CARD No. 23

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
7 (Cont'd)	(c) Propeller Tachometer. (Pre Mod 6/2049) (61-06).	N/A by Mod	
	(d) Torque pressure. (Pre Mod 6/2012) (77-01c).	N/A Mod incorporated	
	(e) Oil Pressure. (Pre Mod 6/2012) (79-05-1).	N/A Mod incorporated	
	(f) Oil Temperature. (Pre Mod 6/2012) (79-06-1).	N/A Mod incorporated	
	(g) Intake Deflector. (71-01h).	C1500	
	(h) Fuel Flow. (Pre Mod 6/2012) (73-04,).	N/A Mod incorporated	
	(i) Position Indicator. (Pre Mod 6/2009) (28-07a-1).	N/A Mod incorporated	
	(j) Volt and Loadmeters. (Pre Mod 6/2028) (24-10-1, 24-11-1).	N/A Mod incorporated	
	(k) Fuel Quantity. (Pre Mod 6/2009) (28-08a).	N/A Mod incorporated	
	(l) Hydraulic and Brake System Pressure indicators (Pre Mod 6/2002) for condition, leakage and security. (29-02a).	N/A Mod incorporated	
	(m) Hydraulic and Brake System Pressure sensors (Mod 6/2002) for condition, leakage and security. (29-02b).	N/A Mod incorporated	
8	Electrical wiring in flight compartment for condition and connectors for security. (24-15).	C1500	
9	Circuit breaker panels for condition and security. **NOTE: Refer to A.D. 70-22-04, if applicable.** (24-09-1).	AD N/A	
*10	Crew oxygen system as follows:	Not Installed	
	(a) Regulators for condition and security of mounting. Clean as required. (35-01f-1).		
	(b) Masks and hoses for condition and security fittings. (35-01g).		
	(c) Pipes for condition and security of connections. Clean as required. (35-01h).		
*11	Passenger oxygen system continuous flow regulator and panel for condition and security. Clean as required. (35-02e, 35-02k-1).		

CARD No. 23

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
12	Pitot static systems selector valve for security and smooth operation; pipes for condition and connections for security. (34-11, 34-12-1).	C1500	
*13	Instrument pneumatic engine bleed air or engine driven pump systems as follows:		
	(a) Pressure regulators for condition and security. (36-02a, 36-03d).	C1500	
	(b) Pressure relief valves for condition and security. (36-02b, 36-03e).	C1500	
	(c) Pressure indicators for condition and security. (36-02c, 36-03f).	C1500	
	(d) Pipes for condition, connections for security, flexible hoses for condition. (36-02d).	C1500	
	(e) Mounting plate for condition and security. (36-02f, 36-03g).	C1500	
14	Navigation and communication control equipment and indicators for condition and security of mounting, electrical cables for condition and connectors for security. Clean as required.		
	(a) ADF Nos. 1 and 2 control head. (Pre Mod 6/2049) (34-01a).	N/A by Mod	
	(b) VOR Nos. 1 and 2. (Pre Mod 6/2049) (34-02a, 34-05a).	N/A by Mod	
	(c) Glide slope. (Pre Mod 6/2049) **NOTE: Refer to A.D. 80-18-05, if applicable.** (34-03a, 34-05a).	N/A by Mod	
	(d) Marker beacon lights. (Pre Mod 6/2003) (34-04b).	N/A by Mod	
	(e) VOR/ILS NAV receiver. (Pre Mod 6/2003) **NOTE: Refer to A.D. 86-25-01, if applicable.** (34-05c).	N/A by Mod	
	(f) Weather radar indicator. (Pre Mod 6/2049) (34-06c).	N/A by Mod	
	(g) VHF/FM unit. (23-02b).	C1500	
15	Honeywell H14 autopilot disengage switch for condition and security. Clean as required. **NOTE: Inspect every 2000 hours.** (22-06).	Not Installed	

CARD No. 23

	FINAL CLOSE UP	Mech. Initial	Insp. Initial
16	Install and secure panels covering static system.		
17	Install overhead console cover.		
18	Install upholstery panels in flight compartment.		
	TOTAL SIGN OFF		

CARD No. 24

This Card Required for the EMMA Checks that follow:
4, 16, 28, 40.

A/C Registration No.	Date.
Area: **2. External**	Trade: **Airframe**

Manhours: Prep: 0.7 Hrs. Total: 2.6 Hrs.	Mech. Initial	Insp. Initial
Accomplished at Hours		

	PREPARATION		
A	Remove panels F4, F5, F8, F9, F13, F14, F17, F18 and F20.		
B	Remove panels W5, W6, W19 and W20.		
C	Jack aircraft.		
D	Remove fairings F19 and F21.		
	INSPECTIONS		
1	Wing strut link (Pre Mod 6/1174) for condition, corrosion and bush for security. (57-04c-1).	N/A Mod incorporated	
2	Engine waste fuel return pipes (DeVore system, if installed, where visible) for condition, leakage and connections for security. (71-13).	C1500	
3	Main landing gear shock absorbing blocks for permanent set and gaps between compression blocks and separator plates, upper to lower platen and preload bolt dimension required for Pre Mod and Mod 6/1469 standard compression blocks. Rebound block and plate for condition, corrosion and separation. Refer to Maintenance Manual. (32-15-2).	C1500	
4	Landing gear stay struts for cracks, corrosion and security. (32-16).		
*5	Cabin RH and LH doors for condition and security; seals for condition and security. (52-02).	C1500	
*6	Airstair door for condition and security; seals for condition and security, extension step for condition and security; handrail and springs for condition and security including proper stowage, springs for security and operation, cables for condition and security of attachment, protective cable covers for tears and deterioration; restraint unit, if installed, for corrosion, security of attachment and smooth movement of operation. (52-03, 52-03b, 52-03c, 52-03d).	C1500	
7	Rear baggage compartment doors for condition and security, seals for condition, door handle and lock for condition and proper operation. Clean as required. (52-05).	C1500	

CARD No. 24

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
*8	Anti-collision (Beacon) light for brush wear, if installed, on lower fuselage surface (Pre Mod 6/2028). (33-2b-3).	N/A Mod incorporated	
9	Fuel quantity signal conditioner (Mod 6/2046) for corrosion, security of wiring and connectors. (28-08c).	N/A Mod incorporated	
10	Capacitance tank units for corrosion, security and leakage. (28-8b).	C1500	
11	Fuselage frames at stations 219.00 and 239.88 at main leg and platen link areas. **NOTE 1: Refer to PSM 1-6-7, Part 3, Figure 9.** **NOTE 2: Inspect every 2000 flight hours.** (53-04).	CALM	
	FINAL CLOSE UP		
12	Lower aircraft from jacks.		
13	Install panels F4, F5, F8, F9, F13, F14, F17, F18 and F20.		
14	Install panels W5, W6, W19 and W20.		
15	Install fairings F19 and F21.		
	TOTAL SIGN OFF		

CARD No. 25

This Card Required for the EMMA Checks that follow:
6, 18, 30, 42.

A/C Registration No.	Date.
Area: 2. Internal	Trade: Airframe
Manhours: Prep: 1.3 Hrs. Total: 3.3 Hrs.	Mech. Initial / Insp. Initial
Accomplished at Hours	

	PREPARATION		
A	Release upholstery in cabin roof to gain access to strobe light flasher unit.		
B	Remove all commuter and utility side wall seats. Utility seats clear of the frame Station 239.88 can be stowed.		
C	Remove any equipment in vicinity of fuselage frame at Station 239.88. Remove sufficient side wall upholstery from cabin roof and sidewalls in this area to gain access to left and right side of both frame flanges.		
D	Remove floor heater ducts for access to fuel cell vent necks.		
E	Remove battery access panel in rear compartment floor.		
	INSPECTIONS		
1	Strobe light flasher unit (if installed) for condition, connector for security (Pre Mod 6/2028). (33-02d-2).	N/A Mod incorporated	
*2	Cabin toilet unit and surrounding structure for condition and security, evidence of corrosion. (25-02, 25-02a).	N/A	
*3	Heated windscreen temperature controllers for condition and security; connectors for security. (30-01c).	C1500	
*4	Windshield heat relay box for damage and security; connectors for security. (30-01d).	C1500	
5	Cabin temperature sensor for condition and security. (21-08-01).	C1500	
6	Passenger warning and passenger lights for condition and security (Pre Mod 6/2028). (33-03a, 33-03b).	N/A Mod incorporated	
7	Circuit breaker panels for condition and security. **NOTE: Refer to A.D. 70-22-04, if applicable.** (24-09-1).	C1500 AD N/A	
8	Cabin emergency lights for condition and security, batteries for condition. (33-7b-1, 33-7c-1, 33-7d-1).	N/A	

CARD No. 25

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
9	First aid kit for required content, proper stowage and security. (25-03).	C1500	
*10	Camera operator's seat and equipment for damage and security. (25-06).	N/A	
*11	Passenger oxygen system masks and hoses for condition and security, proper operation: pipes and connections for condition and security. Clean as required. (35-02i, 35-02j)	N/A Not installed	
12	Aft baggage compartment lights for condition and security. (33-05).	C1500	
13	Cabin electrical wiring in ceiling area for condition, connectors and security. Clean as required. (33-08).	C1500	
14	DELETED		
15	Fuel cells for security and leakage, cell vent necks and vent lines for condition and leakage. (28-10, 28-10a).	C1500	
16	External power and battery relays for condition and security; bus bars for condition. (24-16).	C1500	
	FINAL CLOSE UP		
17	Install upholstery in cabin roof.		
18	Install cabin side wall upholstery.		
19	Install floor heater ducts.		
20	Install cabin seats and equipment removed.		
21	Install and secure battery access panel.		
	TOTAL SIGN OFF		

CARD No. 26

This Card Required for the EMMA Checks that follow:
4, 16, 28, 40.

A/C Registration No.	Date.
Area: **3. External**	Trade: **Airframe**
Manhours: Prep: 0.5 Hrs. Total: 3.5 Hrs.	Mech. Initial / Insp. Initial
Accomplished at Hours	

	PREPARATION		
A	Remove vertical stabilizer panels T5, T6, T12, T13 and T22.		
B	Remove rudder panels T8, T9 and T10.		
C	Remove elevator panels T16, T17, T18, T19, T20 and T21.		
D	Remove anti-collision light lens T1.		
	INSPECTIONS		
1	Accessible internal structure of horizontal and vertical stabilizer for corrosion, cracks, buckling and security. **NOTE: Pay particular attention to immediate areas around bolt holes and bearings, where visible, along attachment and pick-up fitting mating edges. Evidence of corrosion at areas indicated above requires removal of bolts for internal examination of bolts; evidence of internal corrosion will necessitate disengaging fitting for further inspection and treatment as required. Corrosion around bonding jumpers where fitted, will necessitate cleaning and re-priming of affected areas, as applicable.** (55-01a, 55-03f).	C1500	
2	External skin structure of horizontal and vertical stabilizer for dents, scores, abrasions corrosion, cracks and buckling and fasteners for security. (55-01-2, 55-03f).	C1500	
3	Electrical wiring and connectors in empennage for condition and security; bonding wires for condition and security. (24-15, 55-06).	C1500	
4	Anti-collision light for brush wear (Pre Mod 6/2028). (33-02b-3).	N/A Mod incorporated	
5	Horizontal stabilizer as follows: (a) DELETED		
	(b) Center hinge arm (Pre Mod and Post Mod 6/1341) for condition and flange cracks. **NOTE 1: Refer to Service Bulletin No. 6/512, and A.D. CF-92-05 or 94-14-22 for all center hinge arms regardless of material Mod change.** **NOTE 2: Repeat inspections every 1200 hours.** (55-02d, SP2-E4).	CALM	

CARD No. 26

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
5 (Cont'd)	(c) Outboard hinge arm adapter plate (Pre Mod and Post Mod 6/1341 and 6/1799) for condition, corrosion, fretting and cracking. **NOTE 1: Refer to Service Bulletin Nos. 6/228 and 6/421, and A.D. CF-83-11 or 95-21-14, if applicable.** **NOTE 2: Repeat inspections every 1200 hours.** (55-02e, SP2-E5).		
	(d) Upper skin, skin doubler beneath center pickup fitting for cracking. (55-02k).	C1500	
	(e) Lower skin between Stations 30.00 and 35.00 for condition cracks, distortion and fasteners for security. (55-02h).	C1500	
	(f) Leading edge skins for condition, dents, scores and fastener security. Aft of deicing boots for surface corrosion. (55-02g).	C1500	
	(g) Fwd. and aft spar webs between attachment brackets and center line for condition, cracks and fasteners for security. **NOTE: Refer to Service Bulletin No. 6/310 and A.D. CF-74-04 or 74-22-06, if applicable.** (55-02j, 55-02i).	C1500	
	(h) Forward and aft brackets (Production Mods 6/1808 and 6/1809 or retrofit Mods 6/1890, 6/1891 and 6/1892) for condition and fasteners for security. **NOTE: Inspect every 2000 flight hours.** (55-02c).	CALM	
	(i) Mid hinge arm and adapter plate (Mod 6/1341) for condition, corrosion, security and bearing for condition. **NOTE: Inspect every 2000 flight hours.** (55-02f-2).	CALM	
6	Vertical stabilizer as follows:		
	(a) Top hinge arm adapter fitting (Pre Mod 6/1339) for condition, corrosion and security. (55-03d-1).	N/A Mod incorporated	
	(b) Mid hinge arm adapter fitting (Pre Mod 6/1340) for condition, corrosion and security. (55-03e-1).	C1500	
7	Rudder as follows:		
	(a) Skins for condition, dents, scores, buckles, leading edge silicon aerodynamic seal for adhesion and security, fasteners for security. (55-04a).	C1500	

CARD No. 26

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
7 (Cont'd)	(b) Lower hinge arm (Pre Mod and Post Mod 6/1340) for condition, corrosion, fasteners for security and bearing for condition. **NOTE: As bearing deterioration results in rudder drop this bearing should be replaced when wear is noted. A gap dimension between the lower hinge arm housing and the rudder hinge arm bearing support plate of 0.058 inch (1.47 mm) will indicate that the bearing manufacture's axial service limit has been reached. A smaller gap dimension requires the bearing to be replaced at the earliest opportunity available.** (55-04b).	C1500	
	(c) Mid and upper hinge arm adapter fitting (Pre Mod 6/1340) for condition, corrosion and fasteners for security. (55-04c-1).	N/A Mod C1500	incorporated
	(d) Mid and upper hinge arms (Pre Mod 6/1339) for condition, security, cracking and bearing for condition. (55-04d-1).	N/A Mod C1500	incorporated
	(e) Mass balance weight for condition and security. Move rudder vigorously to detect movement of internal weights. (55-04f).	C1500	
	(f) Rudder Trim and Gear Tabs skins for condition, dents, scores, buckles and fasteners for security, hinge arms for condition, hinges for condition, corrosion, security and freedom of movement. Lubricate. (55-04g).	C1500	
	(g) Rear spar tab hinge for condition, corrosion and freedom of movement. Lubricate. (55-04e).	C1500	
8	Elevator as follows:		
	(a) Skins for condition, dents, scores, buckles, leading edge silicon aerodynamic seal for adhesion and security, fasteners for security. (55-05a-2).	C1500	
	(b) Mid and outboard hinge arm adapter fittings (Pre Mod 6/1342) for condition, corrosion, cracks, fretting, wear and security. (55-05b-1).	N/A Mod C1500	incorporated
	(c) Mid hinge arm (Pre Mod 6/1342) for condition, corrosion and bearing for condition. (55-05g-1).	N/A Mod C1500	incorporated

CARD No. 26

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
8 (Cont'd)	(d) Outboard hinge arm (Pre Mods 6/1342 and 6/1799) for condition, corrosion, fretting and cracking. **NOTE 1: Refer to Service Bulletin No. 6/421 and A.D. CF-83-11R1 or 95-21-14, if applicable.** **NOTE 2: Repeat inspections every 1200 hours.** (55-05h-1, SP2-E5).		
	(e) Trim and Interconnect Tabs skins for condition, dents, scores, buckles and fasteners for security, hinge arms for condition, hinges for condition, corrosion, security and freedom of movement. Lubricate. (55-05i).	C1500	
	(f) Trim and Interconnect tab elevator hinge adapter for condition, corrosion, security and freedom of movement. Lubricate. (55-05f).	C1500	
	(g) Elevator torque tube for condition, corrosion and security of fasteners. (55-05d).	C1500	
	(h) Mass balance weights for condition, corrosion and security. (55-05e).	C1500	
9	DELETED		
10	DELETED		
11	Where accessible, examine the vertical stabilizer forward and aft spar lower adapter (Pre Mods 6/1841 and 6/1842) and adjacent structure for condition, corrosion and fasteners for security. **NOTE 1: When installing the stabilizer bolts apply water displacement corrosion inhibitor (Boeshield T9 or equivalent) to bolts head when torqued.** **NOTE 2: Refer to Service Bulletin No. 6/454, for Part A inspection.** **NOTE 3: Inspect every 2000 flight hours.** (55-03a).	N/A Mods incorporated	
	FINAL CLOSE UP		
12	Install vertical stabilizer panels T5, T6, T12, T13 and T22.		
13	Install rudder panels T8, T9 and T10.		
14	Install elevator panels T16, T17, T18, T19, T20 and T21.		
15	Install anti-collision light lens T1.		
	TOTAL SIGN OFF		

CARD No. 27

This Card Required for the EMMA Checks that follow:
10, 22, 34, 46.

A/C Registration No.	Date.
Area: **4. External**	Trade: **Airframe**

Manhours: Prep: 0.7 Hrs. Total: 4.3 Hrs.	Mech. Initial	Insp. Initial
Accomplished at Hours		

	PREPARATION		
A	Raise inboard hinged leading edge skin W2.		
B	Remove wing panels W1, W5, W6, W8, W9, W10 and W12.		
C	Lower engine cowling W7.		
D	Remove wing tip W14 (if strobe light power supply installed).		
E	Remove engine cowling W29.		
F	Remove top center wing root rib fairing.		
G	Lower flaps.		
	INSPECTIONS		
1	Nose spar adapter D nose section for condition, corrosion and fasteners for security, leading edge skin for condition, corrosion and security, hinges for condition, and smooth operation of D nose leading edge cover, stay bar for condition and security of stowage. (57-02).	C1500	
2	Wing tip fairing for cracks, delamination and security. Strobe light power supply (if installed) for condition and security. (33-02d-3, 33-02f-3, 57-03-2).	C1500	
*3	Engine driven air pump system pressure regulating valve for condition and security, pipes and flexible hoses for condition, connections for security. (36-03c, 36-03j).	C1500	
4	Wing inspection light for condition and security. Clean as required. (33-07a-1).	Not Installed	
*5	Wing fuel tank (SOO 6095 and 6247) filler cap for security and proper fit; seal for condition, filler neck for condition, security, scoring and chipping. Clean as required. (28-17).	C1500	
6	Fuel flow transmitters for condition, leakage and security. (73-05).	C1500	
7	Internal structure of wing and nacelle, where accessible, for condition, cracks, buckling and corrosion. Waste fuel return pipes (if installed) for condition, connections for leakage and security. (54-01-2, 57-08).	C1500	

CARD No. 27

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
8	Inspect DeVore bleed air duct (Post Mod 6/1614) for condition and security. (21-15b).	C1500	
9	Aileron and flap bellcranks for corrosion and security; bearings for condition. Clean as required. (57-21).	C1500	
10	Wing (Pre Mod 6/1334) main hinge arms for corrosion, cracks and wear. (57-13a).	N/A Mod incorporated C1500	
11	Lower wing skins between Stations 85.00 and 135.00 for corrosion, deterioration of fasteners, paint and primer loss from engine exhaust. (57-01b).		
12	Upper inboard wing skins between Stations 85.00 and 135.00 for corrosion, deterioration of fasteners, paint and primer loss from engine exhaust. (57-01d).	CALM	
13	Wing main spar (strut link) lug for condition, corrosion and bush for security. (57-01e).	C1500	
14	Wing strut skins condition, dents, scores and fasteners for security. **NOTE: Refer to Service Bulletin No. 6/342 and A.D. CF-91-30 or 97-07-10, if applicable.** (57-04a-2).	C1500	
15	Flap hinge arm attachments (Pre Mod 6/1335) for condition, cracking, corrosion and jo-bolts for security. (57-14).	N/A Mod incorporated	
16	Inboard and outboard foreflap hinge arms (Pre Mods 6/1336 and 6/1349) for condition, corrosion, security and bearings for security. (57-15b-1).	N/A Mod incorporated	
17	Wing inboard trailing flap hinge arms (Pre Mod 6/1337) for condition, corrosion, security and bearings for security. (57-16c-1).	N/A Mod incorporated	
18	Aileron hinge arms (Pre Mod 6/1348) for condition, corrosion, security and bearings for security. (57-17b-1).	N/A Mod incorporated	

CARD No. 27

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
19	Wing rear spar cap (Pre Mod 6/1301) for condition and cracking, bush and fasteners for security. **NOTE 1: Refer to Service Bulletin No. 6/295 and A.D. CF-73-03 or 95-18-11, if applicable.** **NOTE 2: Inspect every 1200 hours or 12 months, whichever occurs first.** (57-10, SP2-D5).	N/A Mod incorporated	
20	DELETED		
21	Wing upper skin between Stations 147.00 and 210.00 for cracks, buckling and fasteners for security. (57-01c).	C1500	
22	Wing lower skins between Stations 97.00 and 235.00 (Wing pick-up fitting) for cracks, buckling and fasteners for security. (57-01a).	C1500	
23	DELETED		
24	Fuselage frame (wing attach) lugs Station 239.88 for condition, cracks, corrosion and fasteners for security. (53-07).	C1500	
	FINAL CLOSE UP		
25	Lower and secure inboard hinged leading edge skin W2.		
26	Install engine cowling W29.		
27	Raise and secure engine cowling W7.		
28	Install wing panels W1, W5, W6, W8, W9, W10 and W12.		
29	Install wing tip W14 (if strobe light power supply installed).		
30	Install top center wing root rib fairing.		
31	Raise flaps.		
	TOTAL SIGN OFF		

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CARD No. 28

This Card Required for the EMMA Checks that follow:
10, 22, 34, 46.

A/C Registration No.	Date.
Area: **5. External**	Trade: **Airframe**

Manhours: Prep: 0.7 Hrs. Total: 4.3 Hrs.	Mech. Initial	Insp. Initial
Accomplished at Hours		

	PREPARATION		
A	Raise inboard hinged leading edge skin W16.		
B	Remove wing panels W15, W19, W20, W22, W23, W24, W26 and W27.		
C	Lower engine cowling W21.		
D	Remove wing tip W28 (if strobe light power supply installed).		
E	Remove engine cowling W33.		
F	Remove top center wing root rib fairing.		
G	Lower flaps.		
	INSPECTIONS		
1	Nose spar adapter D nose section for condition, corrosion and fasteners for security, leading edge skin for condition, corrosion and security, hinges for condition, and smooth operation of D nose leading edge cover, stay bar for condition and security of stowage. (57-02).	C1500	
2	Wing tip fairing for cracks, delamination and security. Strobe light power supply (if installed) for condition and security. (33-02d-3, 33-02f-3, 57-03-2).	C1500	
*3	Engine driven air pump system pressure regulating valve for condition and security, pipes and flexible hoses for condition, connections for security. (36-03c, 36-03j).	C1500	
4	Wing inspection light for condition and security. Clean as required. (33-07a-1).	C1500	
5	Flux detector for condition and security, cables and connections for security, mounting brackets for security. Clean as required. (Pre Mod 6/2049). (34-08i).	N/A Mod incorporated	
*6	Wing fuel tank (SOO 6095 and 6247) filler cap for security and proper fit; seal for condition, filler neck for condition, security, scoring and chipping. Clean as required. (28-17).	C1500	
7	Fuel flow transmitters for condition, leakage and security. (73-05).	C1500	

CARD No. 28

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
8	Internal structure of wing and nacelle, where accessible, for condition, cracks, buckling and corrosion. Waste fuel return pipes (if installed) for condition, connections for leakage and security. (54-01-2, 57-08).	C1500	
9	Inspect DeVore bleed air duct (Post Mod 6/1614) for condition and security. (21-15b).	C1500	
10	Aileron and flap bellcranks for corrosion and security; bearings for condition. Clean as required. (57-21).	C1500	
11	Wing (Pre Mod 6/1334) main hinge arms for corrosion, cracks and wear. (57-13a).	N/A Mod incorporated	
12	Lower wing skins between Stations 85.00 and 135.00 for corrosion, deterioration of fasteners, paint and primer loss from engine exhaust. (57-01b).	CALM	
13	Upper inboard wing skins between Stations 85.00 and 135.00 for corrosion, deterioration of fasteners, paint and primer loss from engine exhaust. (57-01d).	CALM	
14	Wing main spar (strut link) lug for condition, corrosion and bush for security. (57-01e).	C1500	
15	Wing strut skins condition, dents, scores and fasteners for security. **NOTE: Refer to Service Bulletin No. 6/342 and A.D. CF-91-30 or 97-07-10, if applicable.** (57-04a-2).	C1500	
16	Flap hinge arm attachments (Pre Mod 6/1335) for condition, corrosion, cracking and jo-bolts for security. (57-14).	N/A Mod incorporated	
17	Inboard and outboard foreflap hinge arms (Pre Mods 6/1336 and 6/1349) for condition, corrosion, security and bearings for security. (57-15b-1).	N/A Mod incorporated	
18	Wing inboard trailing flap hinge arms (Pre Mod 6/1337) for condition, corrosion, security and bearings for security. (57-16c-1).	N/A Mod incorporated	
19	Aileron hinge arms (Pre Mod 6/1348) for condition, corrosion, security and bearings for security. (57-17b-1).	N/A Mod incorporated	

CARD No. 28

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
20	Wing rear spar cap (Pre Mod 6/1301) for condition and cracking, bush and fasteners for security. **NOTE 1: Refer to Service Bulletin No. 6/295 and A.A. CF-73-03 or 95-18-11, if applicable.** **NOTE 2: Inspect every 1200 hours or 12 months, whichever occurs first.** (57-10, SP2-D5).	N/A Mod	incorporated
21	Fuselage forward spar adapters (Pre Mod 6/1189) for condition, corrosion, cracks and fasteners for security. (53-12).	N/A Mod	incorporated
22	Wing upper skin between Stations 147.00 and 210.00 for cracks, buckling and fasteners for security. (57-01c).	C1500	
23	Wing lower skins between Stations 97.00 and 235.00 (Wing pick-up fitting) for cracks, buckling and fasteners for security. (57-01a).	C1500	
24	Fuselage frame (wing attach) lugs Station 239.88 for condition, cracking, corrosion and fasteners for security. (53-07).	C1500	
	FINAL CLOSE UP		
25	Lower and secure inboard hinged leading edge skin W16.		
26	Install engine cowling W33.		
27	Raise and secure engine cowling W21.		
28	Install wing panels W15, W19, W20, W22, W23, W24, W26 and W27.		
29	Install wing tip W28 (if strobe light power supply installed).		
30	Install top center wing root rib fairing.		
31	Raise flaps.		
	TOTAL SIGN OFF		

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CARD No. 29

This Card Required for the EMMA Checks that follow:
14, 38.

A/C Registration No.	Date.
Area: **1. External**	Trade: **Airframe**
Manhours: Prep: 0.3 Hrs. Total: 1.7 Hrs.	Mech. Initial / Insp. Initial
Accomplished at Hours	

	PREPARATION		
A	Open panels F3 and F10.		
B	Open and secure nose baggage compartment door F2 or nose cap F1 (Short nose).		
C	Remove radio equipment screens in nose baggage compartment.		
	INSPECTIONS		
1	Nose cap back-up structure for condition, corrosion and cracks, fasteners for security (Pre Mod 6/2020). (53-10).	N/A Mod incorporated	
2	Nose leg lower attachment fittings for condition, corrosion and cracks, fasteners for security. (53-09).	C3000	
3	DELETED		
4	Outside air temperature sensor for security. (21-06).	C3000	
*5	Crew oxygen system indicator and charging valve for condition and security of mounting installation. (35-01b-2).	Not Installed	
*6	Crew Oxygen cylinder for scratches, dents, cleanliness and security; cylinder straps for condition and security; support brackets (Post Mod 6/1836) for condition and security. Clean as required. (35-01c, 35-01d, 35-01e-2).	Not Installed	
7	HF and VHF transceivers and control units for condition and security of mounting (Pre Mod SOO 6215, Mod 6/2049). (23-02a, 23-03b).	NA Mod Installed	
8	Communication unit cables for condition, connections for security, bonding wire for condition and security. Clean as required. (23-4a).	C3000	
*9	Autopilot mounting (all models) for condition and security. (22-01-2, 22-17-2, 22-31-2).	C3000	
10	Duct temperature sensor and duct overheat switch for security. (21-05, 21-07).	C3000	

CARD No. 29

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
11	Recirculated air flap mechanism for condition and security. (21-13f).	C3000	
12	Bleed air pipes below cockpit floor for condition and security; clamps and brackets for condition, insulation for condition. (21-14a).	C3000	
13	Access and inspection panels for condition and security; fasteners for condition and proper operation. Fiberglass panels for cracks and delamination. (53-02).	C3000	
14	Instrument pneumatic system - automatic water drain for security. (36-2g, 36-3h).	C3000	
15	Collins AP-106 autopilot gain programmer mounting tray for condition and security. I.A.S. sensor mounting brackets for condition and security. (22-39-2, 22-40-2).	Not Installed	
	FINAL CLOSE UP		
16	Install and secure radio equipment screens in nose baggage compartment.		
17	Close and secure nose baggage compartment door F2 or nose cap F1 (Short nose).		
18	Install panels F3 and F10.		
	TOTAL SIGN OFF		

CARD No. 30

This Card Required for the EMMA Checks that follow:
21, 45.

A/C Registration No.	Date.
Area: **1. Internal**	Trade: **Airframe**
Manhours: Prep: 0.2 Hrs. Total: 1.5 Hrs.	Mech. Initial / Insp. Initial
Accomplished at Hours	

		Mech. Initial	Insp. Initial
	PREPARATION		
A	Release upholstery as necessary in flight compartment.		
B	Remove right hand fairing to gain access to aileron servo unit for all autopilot models.		
	INSPECTIONS		
1	Remove clevis pin and upper bolts from rudder pedal push rod ends and wheel brake rod ends and inspect pins, bearings and rod ends for wear. Install clevis pins and upper bolts. (27-03-2).	C3000	
2	Instrument pneumatic system (vacuum-operated) by-pass valve, suction relief valve, air ejectors and low pressure warning switch for condition and security. (36-04a, 36-04b, 36-04c, 36-04d).	C3000	
3	Instrument panel vibration isolators for security. (31-02).	C3000	
4	Heating system outlets for condition and security. Clean as required. (21-12).	C3000	
5	Flight compartment ventilating ducts for condition and security; louvers for proper operation. (21-13e).	C3000	
*6	Cooling/Demisting fans for condition; mounting brackets for security (Pre Mod 6/2014 and SOO 6322). (21-18-01).	N/A Mod incorporated	
*7	Bendix M-4C autopilot disengage switch for condition and security. Clean as required. (22-24).	Not Installed	
*8	Oxygen pressure indicators for condition and security. (35-02l).	Not Installed	
*9	Oxygen shutoff valve and passenger to crew transfer valve for security. Clean as required. (35-02f, 35-02g).	Not Installed	

CARD No. 30

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
*10	Flight compartment to cabin sliding door for condition, smooth operation and security, magnetic catch for proper operation. Clean as required. (52-04).	C3000	
*11	Bendix M-4C, Bendix AP-106, and AFCS (Autopilot) (Mod SOO 6221) aileron autopilot servo (all models) mounting brackets for condition and security. (22-19a-2, 22-32a-2, 22-51f).	C3000	
*12	STA 111 Cabin Fans EMI filter (SOO 6378) for condition, security and signs of overheating. Wiring for condition overheating or arching; ground post for tightness and corrosion. (21-23-3).	Mod not installed	
	FINAL CLOSE UP		
13	Install right hand fairing over aileron servo unit.		
14	Install flight compartment upholstery that were released.		
	TOTAL SIGN OFF		

CARD No. 31

This Card Required for the EMMA Checks that follow:
11, 35.

A/C Registration No.		Date.	
Area: **2. External**		Trade: **Airframe**	
Manhours: Prep: 0.9 Hrs.	Total: 3.9 Hrs.	Mech. Initial	Insp. Initial
Accomplished at	Hours		

	PREPARATION		
A	Remove fairings W1 and W15.		
B	Remove panels F4, F5, F8, F9, F18 and F20.		
C	Remove main leg fairings F19 and F21.		
D	Remove strut fairings W6 and W20.		
	INSPECTIONS		
1	Inspect the following for cracks, corrosion and security. Clean as required. **NOTE: Pay particular attention to immediate areas around bolt holes, bushings and bearings, where visible, and along attachment and pickup fittings mating edges. Evidence of corrosion at areas indicated above requires removal of bolts; evidence of internal corrosion will necessitate disengaging fitting for further inspection and treatment as required. Corrosion around bonding wires, where fitted, will necessitate cleaning and priming of affected area. Also see figures in PSM 1-6-7, Part 3.**	C3000	
	(a) DELETED		
	(b) Fuselage frame lug Station 219 at wing strut lower attachment area. **NOTE: Refer to PSM 1-6-7, Part 3, Figure 9.** (53-14).		
	(c) Wing strut upper and lower beam area and strut link. **NOTE: Refer to PSM 1-6-7, Part 3, Figure 10.** (53-15).		
	(d) Fuselage forward spar beam Station 200.00 and box structure. (53-16).		
	(e) Fuselage forward spar Station 200.00 adapters (Mod 6/1189). (53-12a).		

CARD No. 31

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
2	DELETED		
3	DELETED		
4	Cabin exhaust outlet scoop (on fuselage roof) for condition and security. Clean as required. (21-11-02).	C3000	
	FINAL CLOSE UP		
5	Install fairings W1 and W15.		
6	Install panels F4, F5, F8, F9, F18 and F20.		
7	Install main leg fairings F19 and F21.		
8	Install strut fairing W6 and W20.		
	TOTAL SIGN OFF		

CARD No. 32

This Card Required for the EMMA Checks that follow:
20, 44.

A/C Registration No.	Date.
Area: **2. Internal**	Trade: **Airframe**

Manhours: Prep: 1.6 Hrs. Total: 3.9 Hrs.	Mech. Initial	Insp. Initial
Accomplished at Hours		

	PREPARATION		
A	Remove electrical control box covers.		
B	Release upholstery in cabin roof to gain access to pneumatic package, bleed air and autopilot electrical components. Also aileron flight control and elevator and rudder trim tab and flap elevator interconnect tab cables.		
C	Remove cabin seats.		
D	Remove cabin side panels in vicinity of fuselage hockey stick frames, Station 239.88 at floor level.		
E	Remove rear baggage compartment/rear fuselage access panel.		
F	Special tools: Roof Hatch Seal Installation Tool SD3103.		
	INSPECTIONS		
1	Sub floor for condition and corrosion. Install cabin floor panels. (53-06a).	C3000	
2	DELETED		
3	Cabin and flight compartment bulkheads for condition; equipment stowage and brackets for condition and security. (53-05-1).	C3000	
4	Cabin ventilating ducts for condition and security; louvers for proper operation. (21-13e).	C3000	
*5	H14 autopilot solenoid engage air valve for security, pipes for condition and connections for security (from solenoid valve to rudder, elevator and pitch trim servo units). (22-08, 22-14).	Not Installed	
6	Automatic temperature controller for condition and security; mounting brackets for security. (21-10).	C3000	
*7	Propeller deicing timer and control box for condition and security; connectors for security. (30-02e-1, 30-02f).	C3000	
8	H14 autopilot and airframe deicing pneumatic system as follows:	Not Installed	
	(a) Pipes for condition and security of connections. (36-01a).		

CARD No. 32

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
8 (Cont'd)	(b) Pressure regulator valve for security; mounting plate for condition and security. (36-01c).		
	(c) Low pressure warning switch for security. (36-01d).		
	(d) Dual pressure switch for security. (36-01e).		
*9	Propeller synchronizer system control box and autofeather system relay box for security of mounting, bonding wire for security. Clean as required. **NOTE: Refer to Service Bulletin No. 6/297 and A.D. CF-73-04, CF-73-09 or 73-19-01, if applicable.** (61-01a, 61-09c).	C3000	
10	Beta range backup system control box for condition and security of mounting. Clean as required. (Pre Mod 6/2014) (61-02a-1).	N/A Mod incorporated	
11	Generator field control relay (Mods 6/1590 and 6/1636) for condition and security. Clean as required. (24-08).	C3000	
12	Circuit breaker panel assembly condition and security; pull out panels and check wiring connections for security. Main distribution box for condition and security; terminals, connectors and relays for condition and security. Clean as required. **NOTE: Refer to A.D. F.A.A. 70-22-04, if applicable.** (24-06, 24-09-2).	C3000	
13	Overvoltage relay (Pre Mods 6/1590 or 6/1636) for condition and security. Clean as required. (24-07-1).	N/A Mod incorporated	
*14	Passenger oxygen outlets for condition and security. (35-02h-2).	Not Installed	
*15	Cabin roof hatch for proper operation; seal for condition and security. Use special tool No. SD3103 to install hatch and seal. (52-07-2).	C3000	
*16	Passenger oxygen cylinders for scratches, dents, cleanliness and security; cylinder straps for cracks and security; felt padding for cuts, tears and security; mounting structure for cracks, corrosion and security. Clean as required. (35-02b, 35-02c).	Not Installed	
*17	Bendix M-4C, Collins AP-106, and AFCS (Autopilot) (Mod SOO 6221) rudder autopilot servo mounting bracket for condition and security. (22-20a-2, 22-34a-2, 22-53f).	C3000	

CARD No. 32

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
*18	Bendix M-4C, Collins AP-106, and AFCS (Autopilot) (Mod SOO 6221) autopilot pitch trim servo mounting brackets for condition and security. (22-13a-1, 22-23-2, 22-35a-2, 22-54.i).	C3000	
*19	Bendix M-4C, Collins AP-106, and AFCS (Autopilot) (Mod SOO 6221) elevator servo actuator mounting bracket for condition and security. (22-21a-2, 22-33a-2, 22-52.f).	C3000	
*20	Fuselage frame Station 281.00 perimeter area and adjacent stringers for sealant condition, if Air Conditioner unit is installed beneath floorboards. Renew sealant, if required. **NOTE: Refer to Service Bulletin No. 6/280 and A.D. CF-71-11 or 71-14-05, if applicable.** (53-17).	A/C not installed	
21	Fuselage hockey stick frames Station 239.88 at cabin floor level for condition, corrosion and fasteners for condition and security. Clean area as required. (53-04b).	C3000	
22	Bleed air pipes for condition and security, clamps and brackets for condition and security, insulation for condition. (21-14b).	C3000	
	FINAL CLOSE UP		
23	Install electrical control box covers.		
24	Install upholstery in cabin roof.		
25	Install cabin seats.		
26	Install and secure rear baggage compartment/rear fuselage access panel.		
	TOTAL SIGN OFF		

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CARD No. 33

This Card Required for the EMMA Checks that follow:
14, 38.

A/C Registration No.		Date.	
Area:	**3. External**	Trade:	**Airframe**
Manhours: Prep: 0.7 Hrs.	Total: 3.3 Hrs.	Mech. Initial	Insp. Initial
Accomplished at	Hours		

	PREPARATION		
A	Remove fairings and panels that follow: T2, T3, T4, T6, T7, T8, T11, T13, T14, T15, T17, T18, T19 and T20.		
B	Remove fuselage panel F22.		
	INSPECTIONS		
1	(a) Where accessible, examine aft fuselage (Mods 6/1843, 6/1844, 6/1845 and 6/1846) horizontal and vertical stabilizer attach frame adapter plates and adjacent structure in the upper frame area for condition and corrosion. (53-11c-1).	C3000	
	(b) Where accessible, examine aft fuselage (Pre Mods 6/1843, 6/1844, 6/1845 and 6/1846) horizontal and vertical stabilizer adapter plates and adjacent structure for corrosion, cracks, and fasteners for security. Remove the barrel nuts one at a time and visually inspect each barrel nut recess hole for condition and corrosion, install barrel nuts if condition is acceptable. **NOTE 1: Apply water displacement corrosion inhibitor (T9 or equivalent) to bolt heads and barrel nuts after torqueing bolts.** **NOTE 2: Refer to Service Bulletin No. 6/454, Part A inspection.** (53-11a).	N/A Mods incorporated	
2	Fairings, access covers, inspection panels for proper fit, damage and security; fasteners for damage and proper operation and security, fiberglass panels for cracks and delamination. (55-07).	C3000	
3	DELETED		
4	Vertical stabilizer as follows:	C3000	
	(a) Top hinge arm adapter fitting (Mod 6/1339) for condition, corrosion and security. (55-03d-2).		
	(b) Mid hinge arm adapter fitting (Mod 6/1339) for condition, corrosion and security. (55-03e-2).		
	(c) Where accessible, examine the vertical stabilizer forward and aft spar lower adapter plates (Mods 6/1841 and 6/1842) and adjacent structure for condition, corrosion, and fasteners for security. Check bolt torque. (55-03c-1).		

CARD No. 33

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
5	Rudder as follows:	C3000	
	(a) Mid hinge arm (Mod 6/1340) for condition, corrosion and security. (55-04d-2).		
	(b) Upper hinge arm (Mod 6/1340) for condition, corrosion and security. (55-04d-2).		
	(c) Mid hinge arm adapter fitting (Mod 6/1340) for condition, corrosion and security. (55-04c-2).		
	(d) Upper hinge arm adapter fitting (Mod 6/1340) for condition, corrosion and security. (55-04c-2).		
6	Elevator as follows:	C3000	
	(a) Mid hinge arm (Mod 6/1342) for condition, corrosion and bearing for condition. (55-05g-2).		
	(b) Outer hinge arm (Mod 6/1342) for condition, corrosion, security and bearing for condition. (55-05h-2).		
	(c) Outer hinge arm adapter fitting (Mod 6/1342) for condition, corrosion and security. (55-05b-2).		
	(d) Mid hinge arm adapter fitting (Mod 6/1342) for condition, corrosion and security. (55-05b-2).		
	(e) Elevator root rib (Mod 6/1769) for condition, corrosion and security. (55-05c-2).		
7	Tail bumper axle and attachments for security; shock absorber pad for deterioration and security of bonding. (32-19-2).		
	FINAL CLOSE UP		
8	Install and secure fairings and panels that follow: T2, T3, T4, T6, T7, T8, T11, T13, T14, T15, T17, T18, T19 and T20.		
9	Install fuselage panel F22.		
	TOTAL SIGN OFF		

CARD No. 34

This Card Required for the EMMA Checks that follow:
19, 43.

A/C Registration No.	Date.
Area: **4. External**	Trade: **Airframe**
Manhours: Prep: 0.5 Hrs. Total: 3.7 Hrs.	Mech. Initial / Insp. Initial
Accomplished at Hours	

	PREPARATION		
A	Lower engine cowling W7.		
B	Remove engine cowling W29.		
C	Lower flaps.		
*D	Open inspection panel on top of wing tank.		
E	Open inspection panels W8, W9 and W10.		
F	Remove top center wing root rib fairing.		
G	Consumable items. Refer to CI card.		
	INSPECTIONS		
1	DELETED		
2	Wing to fuselage forward steel adapters (Mod 6/1887 or EO 69080-1) for condition and security. **NOTE: Refer to TAB 678/6.** (57-11a).	C3000	
3	Wing main hinge arms (Mod 6/1334) for cracks, wear and corrosion. **NOTE: Pay particular attention to immediate areas around bolt holes and bearings, where visible, and along attachment and pickup fittings mating edges. Evidence of corrosion at areas indicated above requires removal of bolts for internal examination of holes and condition of bolts; evidence of internal corrosion will necessitate disengaging fitting for further inspection and treatment as required. Corrosion around bonding wires, where fitted, will necessitate cleaning and priming of affected areas, as applicable.** (57-13b).	C3000	
4	Flap hinge arm attachment (Mod 6/1335) for condition, corrosion, cracking and jo-bolts for security. (57-14a).	C3000	
5	Aileron mass balance weights (Pre Mod 6/1104) for condition, corrosion and security. **NOTE: Refer to Service Bulletin No. 6/100 and A.D. CF-68-05 for aircraft 001 to 115, if applicable.** (57-17c).	N/A Mod incorporated	

CARD No. 34

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
6	DELETED		
*7	Open wing fuel access panel on top of wing tank (SOO 6095 and 6247), inspect interior for corrosion and strainer for condition. Clean as required. When installing panel, seal in accordance with Maintenance Manual. (28-14b-2).	Mod not installed	
8	Aileron hinge arms (Mod 6/1348) for condition, corrosion, security, bearing for security. (57-17b-2).	Mfac typo "pre-mod" 6/1348	
9	Nacelle firewall for condition, buckling and cracks and fasteners for security. (54-02).	C3000	
10	Wing fairings and access panels for proper fit and security; fasteners for condition and proper operation. Fiberglass panels for cracks and delamination. (57-06).	C3000	
11	Wing rear spar cap (Mod 6/1301) for condition, cracking, corrosion, bush and fasteners for security. (57-10a).	C3000	
12	Capacitance tank unit (Mod SOO 6247, Mod 6/2046) inspect for condition and security; wiring connections and leakage. (28-15j).	C3000	
13	Inboard and outboard foreflaps hinge arms (Mods 6/1336 and 6/1349) for condition, security and bearing for security. (57-15b-2).	C3000	
14	Inboard trailing flap hinge arms (Mod 6/1337) for condition, security and bearing for security. (57-16c-2).	C3000	
15	Wing strut link (Mod 6/1174) for condition, corrosion, bush for security. (57-04c-2).	C3000	
	FINAL CLOSE UP		
16	Install engine cowling W29.		
17	Raise and secure engine cowling W7.		
18	Install inspection panels W8, W9 and W10.		
19	Close inspection panel on top of wing tank (check condition of O-ring and seal in accordance with Maintenance Manual).		
20	Raise flaps.		
21	Install top center wing root rib fairing.		
	TOTAL SIGN OFF		

CARD No. 35

This Card Required for the EMMA Checks that follow:
17, 41.

A/C Registration No.		Date.	
Area: **5.** **External**		Trade: **Airframe**	
Manhours: Prep: 0.5 Hrs.	Total: 3.7 Hrs.	Mech. Initial	Insp. Initial
Accomplished at	Hours		

	PREPARATION		
A	Lower engine cowling W21.		
B	Remove engine cowling W33.		
C	Lower flaps.		
*D	Open inspection panel on top of wing tank.		
E	Open inspection panels W22, W23 and W24.		
F	Remove top center wing root rib fairing.		
G	Consumable items. Refer to CI card.		
	INSPECTIONS		
1	DELETED		
2	Wing to fuselage forward steel adapters (Mod 6/1887 or EO 69080-1) for condition and security. **NOTE: Refer to TAB 678/6.** (57-11a).	C3000	
3	Wing main hinge arms (Mod 6/1334) for cracks, wear and corrosion. **NOTE: Pay particular attention to immediate areas around bolt holes and bearings, where visible, and along attachment and pickup fittings mating edges. Evidence of corrosion at areas indicated above requires removal of bolts for internal examination of holes and condition of bolts; evidence of internal corrosion will necessitate disengaging fitting for further inspection and treatment as required. Corrosion around bonding wires, where fitted, will necessitate cleaning and priming of affected areas, as applicable.** (57-13b).	C3000	
4	Flap hinge arm attachment (Mod 6/1335) for condition, corrosion, cracking and jo-bolts for security. (57-14a).	C3000	
5	Aileron mass balance weights (Pre Mod 6/1104) for condition, corrosion and security. **NOTE: Refer to Service Bulletin No. 6/100 and A.D. CF-68-05 for aircraft 001 to 115, if applicable.** (57-17c).	N/A Mod incorporated	

CARD No. 35

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
6	DELETED		
*7	Open wing fuel access panel on top of wing tank (SOO 6095 and 6247), inspect interior for corrosion and strainer for condition. Clean as required. When installing panel, seal in accordance with Maintenance Manual. (28-14b-2).	Mod not installed	
8	Aileron hinge arms (Mod 6/1348) for condition, corrosion, security, bearing for security. (57-17b-2).	Mfc type "pre-mode" 6/1348	
9	Nacelle firewall for condition, buckling and cracks and fasteners for security. (54-02).	C3000	
10	Wing fairings and access panels for proper fit and security; fasteners for condition and proper operation. Fiberglass panels for cracks and delamination. (57-06).	C3000	
11	Wing rear spar cap (Mod 6/1301) for condition, cracking, corrosion, bush and fasteners for security. (57-10a).	C3000	
12	Capacitance tank unit (Mod SOO 6247, Mod 6/2046) inspect for condition and security; wiring connections leakage. (28-15j).	C3000	
13	Inboard and outboard foreflaps hinge arms (Mods 6/1336 and 6/1349) for condition, security and bearing for security. (57-15b-2).	C3000	
14	Inboard trailing flap hinge arms (Mod 6/1337) for condition, security and bearing for security. (57-16c-2).	C3000	
15	Wing strut link (Mod 6/1174) for condition, corrosion, bush for security. (57-04c-2).	C3000	
	FINAL CLOSE UP		
16	Install engine cowling W33.		
17	Raise and secure engine cowling W21.		
18	Close inspection panels W22, W23 and W24.		
19	Close inspection panel on top of wing tank (check condition of O-ring and seal in accordance with Maintenance Manual).		
20	Raise flaps.		
21	Install top center wing root rib fairing.		
	TOTAL SIGN OFF		

CARD No. 36

This Card Required for the EMMA Checks that follow:
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48.

A/C Registration No.	Date.
Area: **4. P/Plant L.H.**	Trade: **Engine**
Manhours: Prep: 0.4 Hrs. Total: 3.0 Hrs.	Mech. Initial / Insp. Initial
Accomplished at Hours	

		Mech. Initial	Insp. Initial
	PREPARATION		
A	Lower engine cowling W7.		
B	Remove engine cowling W29.		
C	Remove propeller spinner.		
*D	Remove panels W31 and W32.		
E	Consumable items. Refer to CI card.		
	INSPECTIONS		
1	Constant speed and overspeed governors for condition, security and leakage. **NOTE: Refer to A.D. 70-16-01, if applicable.** (61-03-1, 61-04-1).	B0125	
*2	Propeller synchronizer master speed pickup for condition and security. (61-09a).	B0125	
3	Torque pressure transmitter for condition and security. (77-02).	B0125	
4	Fuel control unit for condition, security, linkages, sense lines and heaters for condition, security and leakage. Fuel pump for security and evidence of leakage. **NOTE: Refer to A.D. CF-69-17 and CF-80-14 or 69-23-06 and 80-08-12, if applicable.** (73-01, 73-03).	B0125	
5	Gas generator tachometer and propeller generator for condition and security of installation. (61-07, 77-05).	B0125	
6	Engine cowling fireseals for condition and security. (71-07).	B0125	
7	External tubing for condition, cracks bulges and evidence of fuel and oil leakage. (72-01).	B0125	

CARD No. 36

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
8	Gas generator case for condition, cracks, bulges and evidence of hot spots. Power section and turbine exhaust duct for condition, cracks and distortion. **NOTE: Refer to A.D. CF-76-06 and CF-76-25, CF-78-03 or 75-06-01, if applicable.** (72-04, 72-05, 72-07).	B0125	
9	Starter generator for security of installation; electrical connectors for security. Clean as required. (80-01-1).	B0125	
10	Glow plug current regulators (ballast tubes) for condition and security; ignition leads security. (80-03).	B0125	
11	Starting control unit for security and leakage. (73-07).	B0125	
12	Lubricate power control mechanisms and linkage interconnecting rod ball ends. **NOTE: Refer to Service Bulletin No. 6/387 and A.D. CF-79-20, CF-80-21 and CF-80-22 or 80-04-02, if applicable.** (76-03-1).	B0125	
13	Beta backup system carbon block retaining pin for freedom of movement. Lubricate. (61-02b-2).	B0125	
14	Propeller blades for condition, blades for freedom of movement on hub pitot tubes by rocking slightly using counterweights as levers; grease blade clamps. (61-05a-2).	B0125	
15	Fuel pump filter screen (inlet). Remove, inspect and install. Clean or replace as required and leak check (Power on). **CAUTION: WHENEVER ANY COMPONENT UPSTREAM OF THE FILTER IS REPLACED, CHECK SCREEN AFTER RUN UP OR FIRST FLIGHT.** (73-01a).	B0125	
*16	Fuel pump filter screen (outlet) remove, inspect and install. Clean or replace as required and leak check. **NOTE: Refer to PWC Service Bulletin No. 1155.** (73-01b-1).	B0125	
*17	Remove element from HP fuel filter (Mod SOO 6117), inspect and install. Clean or replace as required and leak check. (73-06-1).	B0125	

CARD No. 36

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
18	Remove oil filter, inspect for foreign matter. Magnetic chip detector in reduction gearbox for electrical continuity. Install a serviceable filter. **NOTE 1: Clean or replace filter in accordance with Engine Manufacture's Service Bulletin No. 1001.** **NOTE 2: Refer to A.D. 75-11-04, if applicable.** (79-03a).	B0125	
*19	Compressor discharge P3 filter (Mod SOO 6177). Clean filter element electrosonically. (73-09-1).	B0125	
20	DELETED		
21	Engine oil filter for leaks after installation. (79-03).	B0125	
22	Engine pipes, leads and controls: pipes for condition, security and leakage, controls for security and operation, clamps and brackets for condition, leads for condition and security. Clean as required. (71-10).	B0125	
23	Perform function card requirements before final close up.		
	FINAL CLOSE UP		
24	Install and secure upper cowling W29.		
25	Raise and secure engine cowling W7.		
26	Install propeller spinner.		
27	Install panels W31 and W32.		
	TOTAL SIGN OFF		

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CARD No. 37

This Card Required for the EMMA Checks that follow:
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48.

A/C Registration No.	Date.
Area: **5. P/Plant R.H.**	Trade: **Engine**

Manhours: Prep: 0.4 Hrs. Total: 3.0 Hrs.	Mech. Initial	Insp. Initial
Accomplished at Hours		

	PREPARATION		
A	Lower engine cowling W21.		
B	Remove engine cowling W33.		
C	Remove propeller spinner.		
*D	Remove panels W35 and W36.		
E	Consumable items. Refer to CI card.		
	INSPECTIONS		
1	Constant speed and overspeed governors for condition, security and leakage. **NOTE: Refer to A.D. 70-16-01, if applicable.** (61-03-1, 61-04-1).	B0125	
*2	Propeller synchronizer master speed pickup for condition and security. (61-09a).	B0125	
3	Torque pressure transmitter for condition and security. (77-02).	B0125	
4	Fuel control unit for condition, security, linkages, sense lines and heaters for condition, security and leakage. Fuel pump for security and evidence of leakage. **NOTE: Refer to A.D. CF-69-17 and CF-80-14 or 69-23-06 and 80-08-12, if applicable.** (73-01, 73-03).	B0125	
5	Gas generator tachometer and propeller generator for condition and security of installation. (61-07, 77-05).	B0125	
6	Engine cowling fireseals for condition and security. (71-07).	B0125	
7	External tubing for condition, cracks bulges and evidence of fuel and oil leakage. (72-01).	B0125	

CARD No. 37

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
8	Gas generator case for condition, cracks, bulges and evidence of hot spots. Power section and turbine exhaust duct for condition, cracks and distortion. **NOTE: Refer to A.D. CF-76-06 and CF-76-25, CF-78-03 or 75-06-01, if applicable.** (72-04, 72-05, 72-07).	B0125	
9	Starter generator for security of installation; electrical connectors for security. Clean as required. (80-01-1).	B0125	
10	Glow plug current regulators (ballast tubes) for condition and security; ignition leads security. (80-03).	B0125	
11	Starting control unit for security and leakage. (73-07).	B0125	
12	Lubricate power control mechanisms and linkage interconnecting rod ball ends. **NOTE: Refer to Service Bulletin No. 6/387 and A.D. CF-79-20, CF-80-21 and CF-80-22 or 80-04-02, if applicable.** (76-03-1).	B0125	
13	Beta backup system carbon block retaining pin for freedom of movement. Lubricate. (61-02b-2).	B0125	
14	Propeller blades for condition, blades for freedom of movement on hub pitot tubes by rocking slightly using counterweights as levers; grease blade clamps. (61-05a-2).	B0125	
15	Fuel pump filter screen (inlet). Remove, inspect and install. Clean or replace as required and leak check (Power on). **CAUTION: WHENEVER ANY COMPONENT UPSTREAM OF THE FILTER IS REPLACED, CHECK SCREEN AFTER RUN UP OR FIRST FLIGHT.** (73-01a).	B0125	
*16	Fuel pump filter screen (outlet) remove, inspect and install. Clean or replace as required and leak check. **NOTE: Refer to PWC Service Bulletin No. 1155.** (73-01b-1).	B0125	
*17	Remove element from HP fuel filter (Mod SOO 6117), inspect and install. Clean or replace as required and leak check. (73-06-1).	B0125	

CARD No. 37

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
18	Remove oil filter, inspect for foreign matter. Magnetic chip detector in reduction gearbox for electrical continuity. Install a serviceable filter. **NOTE 1: Clean or replace filter in accordance with Engine Manufacture's Service Bulletin No. 1001.** **NOTE 2: Refer to A.D. 75-11-04, if applicable.** (79-03a).	B0125	
*19	Compressor discharge P3 filter (Mod SOO 6177). Clean filter element electrosonically. (73-09-1).	B0125	
20	DELETED		
21	Engine oil filter for leaks after installation. (79-03).	B0125	
22	Engine pipes, leads and controls: pipes for condition, security and leakage, controls for security and operation, clamps and brackets for condition, leads for condition and security. Clean as required. (71-10).	B0125	
23	Perform function card requirements before final close up.		
	FINAL CLOSE UP		
24	Install engine cowling W33.		
25	Raise and secure engine cowling W21.		
26	Install propeller spinner.		
27	Install panels W35 and W36.		
	TOTAL SIGN OFF		

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CARD No. 38

This Card Required for the EMMA Checks that follow:
1, 3, 5, 7, 9, 11, 13, 15, 17, 19, 21, 23, 25, 27, 29, 31, 33, 35, 37 39, 41, 43, 45, 47.

A/C Registration No.	Date.
Area: **4. P/Plant L.H.**	Trade: **Engine**
Manhours: Prep: 0.1 Hrs. Total: 1.3 Hrs.	Mech. Initial / Insp. Initial
Accomplished at Hours	

	PREPARATION		
A	Remove engine cowling W29.		
B	Lower engine cowling W7.		
	INSPECTIONS		
1	Propeller blades for nicks and cracks. Blend nicks out from leading edge. **NOTE: Refer to A.D. 72-08-04 and 72-14-01, if applicable.** (61-05a).	B0250	
*2	Propeller deicing boots for cuts, tears, burns, deterioration and proper adhesion. (30-02a-2).	B0250	
*3	Propeller deicing brush block and back plate slip ring for condition and security. (30-02b, 30-02d).	B0250	
4	Exhaust duct for condition; deflector vanes for cracks, erosion and security. **NOTE: Refer to A.D. CF-2002-47, if applicable.** (72-06).	B0250	
5	Remove spark igniters for operational test. Clean as required and install serviceable spark igniters. (80-02).	B0250	
6	Fire detecting thermal units and wire loops for condition and security. (26-01a).	B0250	
	FINAL CLOSE UP		
7	Install and secure upper cowling W29.		
8	Raise and secure engine cowling W7.		
	TOTAL SIGN OFF		

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CARD No. 39

This Card Required for the EMMA Checks that follow:
2, 4, 6, 8, 10, 12, 14, 16, 18, 20, 22, 24, 26, 28, 30, 32, 34, 36, 38, 40, 42, 44, 46, 48.

A/C Registration No.	Date.
Area: **5. P/Plant R.H.**	Trade: **Engine**

Manhours: Prep: 0.1 Hrs. Total: 1.3 Hrs.	Mech. Initial	Insp. Initial
Accomplished at Hours		

	PREPARATION		
A	Remove engine cowling W33.		
B	Lower engine cowling W21.		
	INSPECTIONS		
1	Propeller blades for nicks and cracks. Blend nicks out from leading edge. **NOTE: Refer to A.D. 72-08-04 and 72-14-01, if applicable.** (61-05a).	B0250	
*2	Propeller deicing boots for cuts, tears, burns, deterioration and proper adhesion. (30-02a-2).	B0250	
*3	Propeller deicing brush block and back plate slip ring for condition and security. (30-02b, 30-02d).	B0250	
4	Exhaust duct for condition; deflector vanes for cracks, erosion and security. **NOTE: Refer to A.D. CF-2002-47, if applicable.** (72-06).	B0250	
5	Remove spark igniters for operational test. Clean as required and install serviceable spark igniters. (80-02).	B0250	
6	Fire detecting thermal units and wire loops for condition and security. (26-01a).	B0250	
	FINAL CLOSE UP		
7	Install and secure upper cowling W33.		
8	Raise and secure engine cowling W21.		
	TOTAL SIGN OFF		

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CARD No. 40

This Card Required for the EMMA Checks that follow:
1, 5, 9, 13, 17, 21, 25, 29, 33, 37, 41, 45.

A/C Registration No.	Date.
Area: **4. P/Plant L.H.**	Trade: **Engine**

Manhours: Prep: 0.3 Hrs. Total: 2.9 Hrs.	Mech. Initial	Insp. Initial
Accomplished at Hours		

	PREPARATION		
A	Remove panels W30 and W31.		
B	Remove engine cowling W29.		
C	Lower engine cowling W7.		
D	Consumable items. Refer to CI card.		
	INSPECTIONS		
*1	Engine air intake anti-icing boot for deterioration, proper adhesion and evidence of burning; wiring for condition, conditions for security. (30-6a, 30-6b).	C0500	
2	Intake deflector system:	C0500	
	(a) Exit door for condition and security. (71-01b-1).		
	(b) Actuators for condition, security and leakage. (71-01c).		
	(c) Locking and release levers for condition and security. (71-01d-1).		
	(d) Air control valves for condition, security and leakage, pipes for condition and leakage. (71-01e).		
	(e) Cables for fraying and kinks and wear; connectors for security; rod ends and bearings for condition and security; linkage for condition. Brackets for condition. Do a detailed visual inspection of cable terminals as follows: (i) Remove and discard the lockwire from the cable terminals. **NOTE: If safety clip is installed, do not remove the safety clip.** (ii) Do a detailed visual inspection of cable terminals (excluding the hexagonal wrench flat area) for signs of corrosion pits. (iii) Do a detailed visual inspection of cable terminals for signs of cracks in all exposed parts of the terminals. (iv) If corrosion pits and/or cracks are found on any cable terminal, remove the applicable cable assembly and replace with new cable assembly.		

CARD No. 40

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
2 (Cont'd)	(v) If a new cable assembly is installed or if the rigging was disturbed when the lockwire was removed in step (i), rig the control system. (vi) If the lockwire was removed, secure the cable terminals with lockwire. (71-01g).		
	(f) Release lever solenoid and limit switches for condition and security. Clean as required. (71-01d-2).		
	(g) Intake deflector air line filters at inlet and return ports of air control valves. Remove, inspect and install. **NOTE: Inspect every 1000 hours.** (71-01f).	C1000	
3	Engine oil temperature bulb for leakage and security. Connection for security. (79-04).	C0500	
4	Propeller spinner for dents and security; hub for grease or oil leakage and attach bolts for condition and security. **NOTE: Refer to A.D. 78-18-01 and 83-08-01, if applicable.** (61-05-2).	C0500	
5	Wing fuel vent outlet for condition and free from obstruction. **NOTE: Refer to Service Bulletin No. 6/211 and A.D. CF-83-32, if applicable.** (28-10e).	C0500	
6	Power control mechanisms and linkages, including beta backup for condition, chafing, fouling and security. (76-03-2).	C0500	
7	Propeller synchronizer system speed setting actuator, rod end trimmer, flexible shaft for condition and security, electrical wiring for condition and connectors for security. (61-09d, 61-09e, 61-09f, 61-09g).	C0500	
8	Starter generator brushes for condition and wear. Drive splines for wear. Lubricate. (80-01-2).	C0500	
9	Starter generator electrical wiring for condition, insulation for deterioration and connectors for security. Clean as required. (80-05).	C0500	
*10	Remove fuel pump outlet filter. Install new filter. Leak check. **NOTE: Refer to PWC Service Bulletin No. 1155.** (73-01b-2).	C0500	

CARD No. 40

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
*11	Remove and discard HP fuel filter element (between fuel pump and fuel control unit). Install new element. Leak check. **NOTE: If excessive contamination is found on filter elements, remove and inspect the main fuel strainer elements.** (73-06-2).	C0500	
12	Spark igniters (Mod SOO 6180) for condition and security. Check for operation. (80-04a).	C0500	
13	Spark ignitor box for condition and security. (80-04b).	C0500	
14	Lower longeron for condition, buckling, cracking, corrosion and fasteners for security.	C0500	
	(a) Engine mount fittings. (54-03a).		
	(b) DELETED		
	(c) Forward of and at intersection with wing. (54-03c).		
15	Engine indicating instrument wiring for condition, connectors for security. Clean as required. (77-06).	C0500	
16	Perform function card requirements before final close up.		
	FINAL CLOSE UP		
17	Install panels W30 and W31.		
18	Install upper engine cowling W29.		
19	Raise and secure lower engine cowling W7.		
	TOTAL SIGN OFF		

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CARD No. 41

This Card Required for the EMMA Checks that follow:
2, 6, 10, 14, 18, 22, 26, 30, 34, 38, 42, 46.

A/C Registration No.	Date.
Area: **5. P/Plant R.H.**	Trade: **Engine**

Manhours: Prep: 0.3 Hrs. Total: 2.9 Hrs.	Mech. Initial	Insp. Initial
Accomplished at Hours		

	PREPARATION		
A	Remove panels W34 and W35.		
B	Remove engine cowling W33.		
C	Lower engine cowling W21.		
D	Consumable items. Refer to CI card.		
	INSPECTIONS		
*1	Engine air intake anti-icing boot for deterioration, proper adhesion and evidence of burning; wiring for condition, conditions for security. (30-6a, 30-6b).	C0500	
2	Intake deflector system:	C0500	
	(a) Exit door for condition and security. (71-01b-1).		
	(b) Actuators for condition, security and leakage. (71-01c).		
	(c) Locking and release levers for condition and security. (71-01d-1).		
	(d) Air control valves for condition, security and leakage, pipes for condition and leakage. (71-01e)		
	(e) Cables for fraying and kinks and wear; connectors for security; rod ends and bearings for condition and security; linkage for condition. Brackets for condition. Do a detailed visual inspection of cable terminals as follows: (i) Remove and discard the lockwire from the cable terminals. **NOTE: If safety clip is installed, do not remove the safety clip.** (ii) Do a detailed visual inspection of cable terminals (excluding the hexagonal wrench flat area) for signs of corrosion pits. (iii) Do a detailed visual inspection of cable terminals for signs of cracks in all exposed parts of the terminals. (iv) If corrosion pits and/or cracks are found on any cable terminal, remove the applicable cable assembly and replace with new cable assembly.		

CARD No. 41

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
2 (Cont'd)	(v) If a new cable assembly is installed or if the rigging was disturbed when the lockwire was removed in step (i), rig the control system. (vi) If the lockwire was removed, secure the cable terminals with lockwire. (71-01g).		
	(f) Release lever solenoid and limit switches for condition and security. Clean as required. (71-01d-2).		
	(g) Intake deflector air line filters at inlet and return ports of air control valves. Remove, inspect and install. **NOTE: Inspect every 1000 hours.** (71-01f).	C1000	
3	Engine oil temperature bulb for leakage and security. Connection for security. (79-04).	C0500	
4	Propeller spinner for dents and security; hub for grease or oil leakage and attach bolts for condition and security. **NOTE: Refer to A.D. 78-18-01 and 83-08-01, if applicable.** (61-05-2).	C0500	
5	Wing fuel vent outlet for condition and free from obstruction. **NOTE: Refer to Service Bulletin No. 6/211 and A.D. CF-83-32, if applicable.** (28-10e).	C0500	
6	Power control mechanisms and linkages, including beta backup for condition, chafing, fouling and security. (76-03-2).	C0500	
*7	Propeller synchronizer system speed setting actuator, rod end trimmer, flexible shaft for condition and security, electrical wiring for condition and connectors for security. (61-09d, 61-09e, 61-09f, 61-09g).	C0500	
8	Starter generator brushes for condition and wear. Drive splines for wear. Lubricate. (80-01-2).	C0500	
9	Starter generator electrical wiring for condition, insulation for deterioration and connectors for security. Clean as required. (80-05).	C0500	
*10	Remove fuel pump outlet filter. Install new filter. Leak check. **NOTE: Refer to PWC Service Bulletin No. 1155.** (73-01b-2).		

CARD No. 41

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
*11	Remove and discard HP fuel filter element (between fuel pump and fuel control unit). Install new element. Leak check. **NOTE: If excessive contamination is found on filter elements, remove and inspect the main fuel strainer elements.** (73-06-2).	C0500	
12	Spark igniters (Mod SOO 6180) for condition and security. Check for operation. (80-04a).	C0500	
13	Spark ignitor box for condition and security. (80-04b).	C0500	
14	Lower longeron for condition, buckling, cracking, corrosion and fasteners for security:	C0500	
	(a) Engine mount fittings. (54-03a).		
	(b) DELETED		
	(c) Forward of and at intersection with wing. (54-03c).		
15	Engine indicating instrument wiring for condition, connectors for security. Clean as required. (77-06).	C0500	
16	Perform function card requirements before final close up.		
	FINAL CLOSE UP		
17	Install panels W34 and W35.		
18	Install upper engine cowling W33.		
19	Raise and secure lower engine cowling W21.		
	TOTAL SIGN OFF		

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CARD No. 42

This Card Required for the EMMA Checks that follow:
3, 15, 27, 39.

A/C Registration No.	Date.
Area: **4. P/Plant L.H.**	Trade: **Engine**
Manhours: Prep: 0.3 Hrs. Total: 1.2 Hrs.	Mech. Initial / Insp. Initial
Accomplished at Hours	

	PREPARATION		
A	Lower engine cowling W7.		
B	Remove engine cowling W29.		
C	Remove propeller spinner.		
D	Consumable items. Refer to CI card.		
	INSPECTIONS		
1	Air intake duct for condition and security. (71-02).	C1500	
2	Engine driven (Mod 6/1166) dry air pump for condition and security. (36-03a).	C1500	
3	Engine mounts (nacelle) for condition, corrosion, cracking and security. (71-08).		
3A	Engine vibration isolators for condition, separation, corrosion, cracking and security. Conduct inspection for separations between metal plate and elastomers; must not exceed 1 inch length or 1/16th inch in depth. Pay particular attention to corrosion and cracks at the base of the housing (P/N 7351256-2) right next to the edge of the cores (pucks). (71-08a-1).	C1500	
4	Upper engine cowling for condition, lower cowling hinge for condition and latch mechanism for condition and proper operation. (71-03, 71-06).	C1500	
5	Bonding wires for condition and security. (71-11).		
*6	Propeller blade deicing electrical harness for security of connections. (30-02c).	C1500	
7	Propeller linkages for condition and security. (61-08c-1).		
8	Bleed air shut off valve for condition and security. (21-14c-1).	C1500	

CARD No. 42

	FINAL CLOSE UP	Mech. Initial	Insp. Initial
9	Install propeller spinner.		
10	Install engine cowling W29.		
11	Raise and secure engine cowling W7.		
	TOTAL SIGN OFF		

CARD No. 43

This Card Required for the EMMA Checks that follow:
4, 16, 28, 40.

A/C Registration No.	Date.
Area: **5. P/Plant R.H.**	Trade: **Engine**

Manhours: Prep: 0.3 Hrs. Total: 1.2 Hrs.	Mech. Initial	Insp. Initial
Accomplished at Hours		

	PREPARATION		
A	Lower engine cowling W21.		
B	Remove engine cowling W33.		
C	Remove propeller spinner.		
D	Consumable items. Refer to CI card.		
	INSPECTIONS		
1	Air intake duct for condition and security. (71-02).	C1500	
2	Engine driven (Mod 6/1166) dry air pump for condition and security. (36-03a).	C1500	
3	Engine mounts (nacelle) for condition, corrosion, cracking and security. (71-08).	C1500	
3A	Engine vibration isolators for condition, separation, corrosion, cracking and security. Conduct inspection for separations between metal plate and elastomers; must not exceed 1 inch length or 1/16th inch in depth. Pay particular attention to corrosion and cracks at the base of the housing (P/N 7351256-2) right next to the edge of the cores (pucks). (71-08a-1).	C1500	
4	Upper engine cowling for condition, lower cowling hinge for condition and latch mechanism for condition and proper operation. (71-03, 71-06).	C1500	
5	Bonding wires for condition and security. (71-11).	C1500	
*6	Propeller blade deicing electrical harness for security of connections. (30-02c).	C1500	
7	Propeller linkages for condition and security. (61-08c-1).		
8	Bleed air shut off valve for condition and security. (21-14c-1).	C1500	

CARD No. 43

	FINAL CLOSE UP	Mech. Initial	Insp. Initial
9	Install propeller spinner.		
10	Install engine cowling W33.		
11	Raise and secure engine cowling W21.		
	TOTAL SIGN OFF		

CARD No. 44

This Card Required for the EMMA Checks that follow:
6, 18, 30, 42.

A/C Registration No.	Date.
Area: **4. P/Plant L.H.**	Trade: **Engine**
Manhours: Prep: 0.3 Hrs. Total: 1.4 Hrs.	Mech. Initial / Insp. Initial
Accomplished at Hours	

	PREPARATION		
A	Lower engine cowling W7.		
B	Remove upper cowling W29.		
C	Remove panels W30, W31 and W32.		
	INSPECTIONS		
1	Intake deflector plate and exit door hinges for condition, corrosion, cracks and security. Clean as required. (71-01a-2, 71-01b-2).	C1500	
2	Engine compressor wash spray ring for condition and security. (71-05).	C1500	
3	Oil cooler mounting for condition and security. (79-09-2).	C1500	
4	Engine nacelle (Pre Mod 6/1583) fuel drain collector tank for condition, security and leakage. (71-09-1).	N/A Mod incorporated	
5	Engine and propeller controls as follows:		
	(a) Cables for condition, security, fraying, corrosion and flattening; connections and fairleads for condition and security. Do a detailed visual inspection of cable terminals as follows: (i) Remove and discard the lockwire from the cable terminals. **NOTE: If safety clip is installed, do not remove the safety clip.** (ii) Do a detailed visual inspection of cable terminals (excluding the hexagonal wrench flat area) for signs of corrosion pits. (iii) Do a detailed visual inspection of cable terminals for signs of cracks in all exposed parts of the terminals. (iv) If corrosion pits and/or cracks are found on any cable terminal, remove the applicable cable assembly and replace with new cable assembly. (v) If a new cable assembly is installed or if the rigging was disturbed when the lockwire was removed in step (i), rig the control system. (vi) If the lockwire was removed, secure the cable terminals with lockwire. (76-01, 61-08a).	C1500	

CARD No. 44

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
5 (Cont'd)	(b) Pulleys for condition, freedom of operation and security. (76-02-1, 61-08b).	C1500	
	(c) Levers, pushrods and reversing linkage for security; springs for condition and security; stops for security. (61-08c-2).	C1500	
	(d) Teleflex control to reverse valve for condition, kinks, smooth operation and security. (61-08d).	C1500	
	(e) Constant speed governor, speed adjusting lever proper attachment to shaft. **NOTE: Refer to TAB 635/4.** (61-04-2).	C1500	
*6	Fuel heater for condition, security and leakage. (73-02).	C1500	
7	Engine nacelle (Mod 6/1583) waste fuel return line and connections for condition and security. (71-12).	C1500	
8	Fire protection engine wiring and connectors for condition and security; clips for security. Clean as required. (26-03).	C1500	
9	Power plant oil pipes, hoses and connections for condition and security. (79-07-2).	C1500	
	FINAL CLOSE UP		
10	Install upper cowling W29.		
11	Raise and secure engine cowling W7.		
12	Install panels W30, W31 and W32.		
	TOTAL SIGN OFF		

CARD No. 45

This Card Required for the EMMA Checks that follow:
7, 19, 31, 43.

A/C Registration No.	Date.
Area: **5. P/Plant R.H.**	Trade: **Engine**
Manhours: Prep: 0.3 Hrs. Total: 1.4 Hrs.	Mech. Initial / Insp. Initial
Accomplished at Hours	

	PREPARATION		
A	Lower engine cowling W21.		
B	Remove upper cowling W33.		
C	Remove panels W34, W35 and W36.		
	INSPECTIONS		
1	Intake deflector plate and exit door hinges for condition, corrosion, cracks and security. Clean as required. (71-01a-2, 71-01b-2).	C1500	
2	Engine compressor wash spray ring for condition and security. (71-05).	C1500	
3	Oil cooler mounting for condition and security. (79-09-2).	C1500	
4	Engine nacelle (Pre Mod 6/1583) fuel drain collector tank for condition, security and leakage. (71-09-1).	N/A Mod incorporated	
5	Engine and propeller controls as follows:		
	(a) Cables for condition, security, fraying, corrosion and flattening; connections and fairleads for condition and security. Do a detailed visual inspection of cable terminals as follows: (i) Remove and discard the lockwire from the cable terminals. **NOTE: If Safety clip is installed, do not remove the safety clip.** (ii) Do a detailed visual inspection of cable terminals (excluding the hexagonal wrench flat area) for signs of corrosion pits. (iii) Do a detailed visual inspection of cable terminals for signs of cracks in all exposed parts of the terminal. (iv) If corrosion pits and/or cracks are found on any cable terminal, remove the applicable cable assembly and replace with new cable assembly. (v) If a new cable assembly is installed or if the rigging was disturbed when the lockwire was removed in step (i), rig the control system.	C1500	

CARD No. 45

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
5 (Cont'd)	(vi) If the lockwire was removed, secure the cable terminals with lockwire. (76-01, 61-08a).		
	(b) Pulleys for condition, freedom of operation and security. (76-02-1, 61-08b).	C1500	
	(c) Levers, pushrods and reversing linkage for security; springs for condition and security; stops for security. (61-08c-2).	C1500	
	(d) Teleflex control to reverse valve for condition, kinks, smooth operation and security. (61-08d).	C1500	
	(e) Constant speed governor, speed adjusting lever proper attachment to shaft. **NOTE: Refer to TAB 635/4.** (61-04-2).	C1500	
*6	Fuel heater for condition, security and leakage. (73-02).	C1500	
7	Engine nacelle (Mod 6/1583) waste fuel return line for condition, and connections security. (71-12).	C1500	
8	Fire protection engine wiring and connectors for condition and security; clips for security. Clean as required. (26-03).	C1500	
9	Power plant oil pipes, hoses and connections for condition and security. (79-07-2).	C1500	
	FINAL CLOSE UP		
10	Install upper cowling W33.		
11	Raise and secure engine cowling W21.		
12	Install panels W34, W35 and W36.		
	TOTAL SIGN OFF		

CARD No. 46

This Card Required for the EMMA Checks that follow:
9, 33.

A/C Registration No.		Date.	
Area: **4.** **P/Plant L.H.**		Trade: **Engine**	
Manhours: Prep: 0.1 Hrs. Total: 0.3 Hrs.		Mech. Initial	Insp. Initial
Accomplished at Hours			
PREPARATION			
A	Remove panel W30.		
B	Lower engine cowling W7.		
INSPECTIONS			
1	Engine control pulley brackets for condition and security. (76-02-2).		
2	Generator cooling duct for condition and security. (71-04).		
FINAL CLOSE UP			
3	Install panel W30.		
4	Raise and secure engine cowling W7.		
TOTAL SIGN OFF			

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CARD No. 47

This Card Required for the EMMA Checks that follow:
9, 33.

A/C Registration No.		Date.	
Area: **5.** **P/Plant R.H.**		Trade: **Engine**	
Manhours: Prep: 0.1 Hrs. Total: 0.3 Hrs.		Mech. Initial	Insp. Initial
Accomplished at Hours			
PREPARATION			
A	Remove panel W34.		
B	Lower engine cowling W21.		
INSPECTIONS			
1	Engine control pulley brackets for condition and security. (76-02-2).	C3000	
2	Generator cooling duct for condition and security. (71-04).	C3000	
FINAL CLOSE UP			
3	Install panel W34.		
4	Raise and secure engine cowling W21.		
TOTAL SIGN OFF			

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CARD No. FUNCTION

This Card Required for the EMMA Checks that follow:
1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48.

A/C Registration No.	Date.
Area:	Trade:

Manhours: Prep: Total:	Mech. Initial	Insp. Initial
Accomplished at Hours		

OPERATIONAL TESTS

	Electrical power for the following tests is obtained by connecting a ground power source or by running the engines, whichever is more convenient, to carry out the specified tests at the intervals that follow: **NOTE 1: IN PHASE TESTS** **- Every 125 Flight Hours. - Every 250 Flight Hours.** **- Every 500 Flight Hours. - Every 1000 Flight Hours.** **- Every 1500 Flight Hours. - Every 3000 Flight Hours.** **- Every 6000 Flight Hours.** **NOTE 2: OUT OF PHASE TESTS** **(These tests are located following the in phase tests)** **- Every 2400 Flight Hours.**		

OPERATIONAL TESTS

EVERY 125 FLIGHT HOURS - B 0125

A1	Fuel emergency shutoff valve - Return switches to NORMAL after test. Power on. (28-06-2).		
A2	Fuel crossfeed valve and (if installed), position indicator (Pre Mod 6/2009). (28-07-2, 28-07a-2).	N/A Mod incorporated	
*A3	HP fuel filter for leaks after element installation. (73-06-1).		
A4	Fuel pump for leaks after inlet filter screen and outlet filter installation. **NOTE: Refer to PWC Service Bulletin No. 1155.** (73-01a, 73-01b).		
A5	Oil filter for leaks after installation. (79-03).		
A6	Fwd avionics compartment cooling fans (Mod 6/2045). (Power on). (21-20-2).		
A7	DAU cooling fans (Mod 6/2045). (Power on). (21-21-2).		
A8	Reversion control panel (Mod 6/2049) switch. (31-06-3).		

CARD No. FUNCTION

	EVERY125 FLIGHT HOURS (CONT'D)	Mech. Initial	Insp. Initial
A9	ADAHRS #1 and #2 (Mod 6/2049) reversion switches. (34-22-4, 34-22a-4).		
	EVERY 250 FLIGHT HOURS - B0250		
B1	Lift Detector Vanes (WINGS) for freedom of movement, condition, corrosion and security. Function test (Power on). (27-15c-2).		
B2	All communications and navigation systems. (23-04e, 34-07a).		
*B3	Weather radar. (34-06d).		
B4	Interphone and audio integrating systems (Pre Mod 6/2028). (23-01e).	N/A Mod incorporated	
B5	Wing flaps in normal and emergency. (27-16-1).		
B6	Fuel booster pumps, check for evidence of rough running. (28-03-2).		
B7	Fuel system strainers for leak check under system pressure after installation. (28-05a-3).		
B8	Flight controls, including trim tabs for full and free movement of all controls. (27-16-1).		
B9	Stall warning light and horn system (Pre Mod and Mod 6/2028) by actuating detecting vane. (27-15a-2, 27-15b-2).		
B10	Master warning and caution indication and control (Mod 6/2028) function test. (Power on). (31-12-2).		
	EVERY 500 FLIGHT HOURS - C0500		
C1	Oil pressure indicator, oil temperature indicator (Pre Mod 6/2012). (79-05-2, 79-06-2).	N/A Mod incorporated	
*C2	Autopilot system. (22-16-1, 22-30-1, 22-45-1, 22-47).		
C3	Doors unlocked warning lights, including limit switch operation. (33-06-2).		
C4	Fuel leak check after installation of motive line check valve strainers. (28-09).		
C5	Run engine and check the following:		
	(a) Autofeather system. (61-01c).		

CARD No. FUNCTION

	EVERY 500 FLIGHT HOURS (CONT'D)	Mech. Initial	Insp. Initial
C5 (Cont'd)	(b) Beta backup system. (61-02c).		
	(c) Propeller/power interlock. (76-03-3).		
*	(d) Propeller synchronization. (61-09).		
C6	Emergency cabin lights (Mod SOO 6098, 6179 and 6208). (33-07b-2, 33-07c-2, 33-07d-2).		
C7	Windshield wipers. **CAUTION: DO NOT OPERATE WIPERS ON DRY WINDSHIELD SURFACE.** (30-04-f).		
C8	The following items, as applicable, for leaks after installation.		
	(a) Hydraulic filter unit. (29-01g).		
	(b) Instrument pneumatic system (bleed air) strainers. (36-02h).		
*	(c) Pneumatic package strainer. (36-01f).		
	(d) Steering actuator filter. (32-03-2).		
	(e) HP fuel filter element replacement. (73-06-2).		
C9	Heated windscreen. (30-01e).		
C10	Aileron trim tab position indicator (Pre Mod 6/2047). (27-08d-2).	N/A Mod incorporated	
C11	H14 Autopilot pneumatic system filters. (22-09).		
C12	Position indication (Mod 6/2047), do a display indication function test, neutral and full range of travel. (27-08e, 27-09h, 27-17c, 27-18c).		
C13	Alignment of mechanical rudder trim pointer and EFIS rudder trim display (Mod 6/2047). (27-17d).		
C14	Alignment of mechanical pitch trim pointer and EFIS pitch trim display (Mod 6/2047). (27-18d).		
C15	AFCS (Autopilot) (Mod SOO 6221) - KS 272A Pitch trim servo system. (22-54c).		

CARD No. FUNCTION

	EVERY 1000 FLIGHT HOURS	Mech. Initial	Insp. Initial
D1	The following items, as applicable, for leaks after installation.	C1000	
	(a) Instrument pneumatic system (bleed air) filters. (36-02e).		
	(b) Engine-driven air pumps system filters (nacelles and under floor). (36-02i, 36-03i).		
	(c) Engine-driven dry air pump operational pressure test with engine running. (36-03k).	N/A	
*D2	Instrument pneumatic system for correct vacuum and/or pressure, as applicable. (36-04h).	C1000	
D3	Bleed air shutoff valves. (21-14c-2).	C1000	
D4	J.B. Air conditioner system. Power on. (Pre Mod 6/2014) (21-19n).	N/A	
*D5	Wing tank fuel system (SOO 6095 and 6247). Power On. (28-15i).	C1000	
*D6	ECTM/FOQA (IONode) (SOO 6288) Data Capture System. Power on. (31-13-2).	C1000	
D7	SAT COM System (SOO 6298). Power on. (23-10-2).	N/A	
D8	QAR (SOO 6356). Power on. (31-14-2).	C1000	
*D9	STA 111 Cabin Fans (SOO 6378). Power on. (21-23-2).	C1000	
*D10	STA 332 Blower (SOO 6379). Power on. (21-24-2).	C1000	
*D11	RIB Video Module (SOO 6212). Power on. (31-15-4).	N/A	
	EVERY 1500 FLIGHT HOURS C1500		
E1	Flight compartment cooling and demisting fans. Power on. (Pre Mod 6/2014 and SOO 6322) (21-18-2).	N/A Mod	incorporated
E2	Cabin temperature sensor blower. Power on. (21-08-2).		
E3	Hot air valve (travel time from open to closed position). Power on. (21-09-2).		
*E4	Airframe deicing system. Power on. (30-03m).		

CARD No. FUNCTION

	EVERY 1500 FLIGHT HOURS (CONT'D)	Mech. Initial	Insp. Initial
*E5	Engine intake anti-icing system. Power on. (30-06c).		
*E6	Propeller deicing system. Power on. (30-02g).		
E7	Ram air valve. (21-03-2).		
E8	Cabin air control valve. (21-04-2).		
E9	Brake system. (32-12c).		
	EVERY 2000 FLIGHT HOURS		
F1	Hydraulic pump pressure switch. (29-01f-2).	CALM	
	EVERY 3000 FLIGHT HOURS F 3000NT		
G1	Static inverters (Pre Mod 6/2028). (24-04-2).	N/A Mod incorporated	
G2	Bleed air heating system. Power on. (21-17).		
G3	Pitot system. (34-12-3).		
G4	Bendix M-4C/D and Collins AP-106 autopilot system. (22-16-2, 22-30-2, 22-45-2).	Not Installed	
G5	Flight control surfaces for alignment with external rigging marks; for rudder check dimension 'L'. (27-16-2).		
G6	All trim and gear tabs for free play. (27-16-3).		
G7	Fuel forward and aft low level warning system. Adjust tank levels to obtain indication. Power on. (28-12).		
G8	Rudder gear box for play. (27-07a-2).		
G9	Oxygen system(s) pressure drop test. (35-01a-3, 35-02a-3).	Not Installed	
G10	Intake deflector system. Power on. (71-01).		
*G11	Wing fuel quantity indicating system (SOO 6095 and 6247) (calibration). (28-16).	SOO not installed	
G12	Main fuel quantity indicating system (calibration). (28-08).		

CARD No. FUNCTION

	EVERY 3000 FLIGHT HOURS (CONT'D)	Mech. Initial	Insp. Initial
*G13	Propeller deicing timer. (30-02e-2).		
G14	Hidden function check of relays K1 and K2 in Beta backup system (Pre Mod 6/2014). (61-02a-2).	N/A Mod incorporated	
G15	Pneumatic system pressure test. (36-01).		
	EVERY 6000 FLIGHT HOURS CALM		
H1	Function test diodes CR108 and CR109 in accordance with PSM 1-64-2, Chapter 24-30-00 (Post Mod 6/2028). (24-18).		
	OUT-OF-PHASE TESTS		
	EVERY 2400 FLIGHT HOURS CALM		
J1	Nosewheel steering system. (32-07a).		
	TOTAL SIGN OFF		

Card No. SP1

A/C Registration No.	Date:		
Manhours: Prep: Total:		Mech. Initial	Insp. Initial
Accomplished at Hours			

SPECIAL INSPECTIONS

The following special inspections supplement the basic inspections to ensure that components and systems, vulnerable to malfunctions under adverse environmental conditions or continuous operation from rough, unpaved fields, are thoroughly inspected. In addition, special inspections related to conditions which are not environmental in nature are included. Accomplish the inspections as necessary, according to the conditions under which the aircraft is being operated.

ENVIRONMENTAL CONDITIONS

Unpaved landing Fields, Arctic Conditions, Floats install from Salt Water, Converting to Wheels or Skis, Areas of High Salt Content or Marine Environment, High Industrial Pollution, Desert or Areas of High Dust Content, Areas of High Humidity and Livestock or Corrosive Material Cargo.

OPERATING FROM UNPAVED LANDING FIELDS N/A

	Daily		
A1	Antennas on underside of fuselage for cleanliness and damage.		
A2	Anti-collision light on underside of fuselage and taxi light (if installed) for cleanliness and damage.		
A3	For damage caused by flying debris; nose landing gear, main leg fairings, fuselage sides between nose and passenger doors, wing center and flap under surfaces.		
A4	Engine air intakes and ram air inlets for damage and obstruction by grass cuttings, weed, etc.		
	Every 100 Flying Hours		
A5	Remove main wheels and inspect in accordance with instructions on Card No. 3.		
A6	Remove nose wheel and inspect in accordance with instruction on Card No. 1 (item 9).		

OPERATING UNDER ARCTIC CONDITIONS

	Daily Preflight		
B1	Wire and whip antennas for ice accumulation.		
B2	Landing gear for cleanliness; areas around movable parts free of ice, snow or moisture.		
B3	Escape doors and/or emergency hatch for ice formation around seals.		
B4	Flight control cables. (PSM 1-6-7, SP1-B4).		

Card No. SP1

	ENVIRONMENTAL CONDITIONS (CONT'D)	Mech. Initial	Insp. Initial
	OPERATING WITH FLOATS INSTALLED FROM SALT WATER **NOTE: See also items E1 through E3 following.**		
	Every 6 Months N/A		
C1	Remove access panels and fairings as necessary to gain access to items listed below. Examine these items visually for cracks and corrosion, paying particular attention to immediate areas around bolt holes and bearings, where visible, and along attachment and pickup fittings mating edges. Evidence of corrosion at areas indicated above requires removal of bolts for internal examination of holes and condition of bolts. Evidence of internal corrosion will necessitate disengaging fittings for further inspection and treatment as required. Corrosion around bonding jumpers, where fitted, will necessitate cleaning and repriming of affected areas.		
	(a) Vertical stabilizer/rudder hinge arms.		
	(b) Horizontal stabilizer/elevator hinge arms.		
	(c) Elevator torque tube.		
	(d) Vertical and horizontal stabilizers, attachment fittings.		
	(e) Float/fuselage attachment fittings.		
	(f) Wing strut pickup fittings, wing and fuselage.		
	(g) Wing/fuselage attachment fittings front and rear.		
	(h) Extend flaps for examination of wing/flap hinge arms.		
	(i) Aileron/flap hinge arms.		
	(j) Engine mounts (nacelle).		
	(k) Engine vibration isolator housings (core recess radius).		
	(l) Fuel Gallery (under fuselage area).		
	Every 2 years N/A		
C2	Remove wing flaps and examine hinge arms, bolts, bolt holes and bearings for corrosion and seized condition, as applicable. Pay particular attention to areas around bearings.		
	Every 1 year N/A		
C3	Inspect nose attachment STA 44.0 (Mod 6/2020) for corrosion and cracks. **NOTE: Pay particular attention to the exterior aluminum joint strap and fasteners common to carbon nose.**		
	WHEN CONVERTING FROM FLOATS TO WHEELS OR SKIS N/A		
D1	Examine lower nosewheel fitting C6FSM1234 for corrosion.		

Card No. SP1

	ENVIRONMENTAL CONDITIONS (CONT'D)	Mech. Initial	Insp. Initial
	OPERATING IN AREAS OF HIGH SALT CONTENT OR MARINE ENVIRONMENT (outside of the tropics) (FLOATPLANE AND LANDPLANE) N/A		
	Daily		
E1	After completion of day's flying; wash engine compressor in accordance with instructions in Maintenance Manual. **NOTE: If exterior of engine is salt-contaminated, wash in accordance with instructions in Engine Maintenance Manual.**		
	Every 200 Flight Hours		
E2	All exterior surfaces and components for corrosion. **NOTE 1: Refer to Twin Otter Corrosion Manual, PSM 1-6-5 Parts 1 and 2, for details of preventive maintenance methods and known corrosion areas. Also refer to Part 3 as required by your Local Regulatory Authority.** **NOTE 2: For Mod 6/2020, refer to added susceptible area PSM 1-6-5 Part 2/3 (CPCM C53-11-05) for STA 44.0 exterior aluminum joint straps and fasteners common to the carbon nose corrosion inspection.**		
E3	Remove fuel gallery access panels on underside of fuselage to inspect all wiring for corrosion and deterioration, radio suppressors and gallery structure for corrosion. For Mod 6/2390, visually inspect environmental wrap for condition, integrity (split, tear or removal etc.), corrosion, external wiring, connections and terminations for deterioration. **NOTE: Any degradation in the environmental wrap, remove wrap and do a detailed visual inspection of electrical wiring, connections and terminations for condition and corrosion. Replace damaged components. Install new environmental wrap (refer to PSM1-64-2, Chapter 20-50-03).** For Mod 6/2395, do a detailed visual inspection of the backshell and backshell sealant for deterioration in the seal cavities. If deterioration is evident, clean and reseal the backshell. Replace if deterioration is severe.		
E3.1	Fuel Manifold (6/2389) - Bonding clamp sealant and terminal lug sealant for condition and integrity, peeling, cracking or evidence of corrosion. Inspect bonding jumpers for condition, security, integrity and corrosion. If damaged, replace component; re-apply sealant.		
E3.2	Inspect access panels and seals for damage (Mod 6/2408). Repair or replace as required.		

Card No. SP1

		Mech. Initial	Insp. Initial
	ENVIRONMENTAL CONDITIONS (CONT'D)		
	OPERATING IN AREAS OF HIGH SALT CONTENT OR MARINE ENVIRONMENT (outside of the tropics) (FLOATPLANE AND LANDPLANE) (CONT'D) N/A		
	Every 400 Flight Hours or 3 Months, Whichever Occurs First		
E4	The entire accessible length of the elevator and rudder primary flight control cable systems for condition, corrosion, fraying, flattening, proper attachment and security. Pulleys for condition and freedom of movement. Pulley brackets and fairleads for condition and security. Turnbuckles for security, refer to AMM. **NOTE 1: Pay particular attention to locations aft of STA 262.00, at pulley stations, fairleads at STA 436.00 and STA 486.34.** **NOTE 2: In the event of early or abnormal cable wear at pulley(s), replace the worn cable(s) and the corresponding pulley(s).** **NOTE 3: Stainless Steel Control Cables are approved for use on float aircraft in lieu of Carbon Steel Cables. Refer to PSM 1-6-2 (DHC-6 Series 100/200 Maintenance Manual), PSM 1-63-2 (DHC-6 Series 300 Maintenance Manual) and PSM 1-64-2 (DHC-6 Series 400 Maintenance Manual) and Technical Advisory Bulletin (TAB) 678/3 for cable specification.** **NOTE 4: Inspection interval may be reduced, if required.**		
	Every 12 Months		
E5	Replace Primary Flight Control Cables (Rudder and Elevator)		
	Every 3000 Flight Hours or 3 Years, Whichever Occurs First		
E6	Fuel Manifold (6/2389) - Inspect Fuel Manifolds under bonding clamp sealant for corrosion. Remove sealant, bonding clamps and jumpers. Inspect tube for corrosion and pitting. Replace clamps, bonding jumpers and hardware with new; reseal clamps grounding hardware and terminal lugs.		
	OPERATING IN ATMOSPHERES OF HIGH INDUSTRIAL POLLUTION N/A		
F1	When there is loss of engine performance attributed to ingestion of air pollution deposits; wash engine compressor in accordance with instructions in Maintenance Manual.		
	OPERATING IN DESERT AREAS OR AREAS OF HIGH DUST CONTENT N/A		
	Daily		
G1	Clean off and wipe dry exposed polished surfaces of nose landing gear shock strut.		

Card No. SP1

	ENVIRONMENTAL CONDITIONS (CONT'D)	Mech. Initial	Insp. Initial
	OPERATING IN DESERT AREAS OR AREAS OF HIGH DUST CONTENT (CONT'D) N/A		
	Every 50 Flight Hours		
G2	Hydraulic filter unit for contamination. Replace with serviceable element. Check for leaks after replacement.		
G3	Escape hatch and/or escape door seals for hardening and deterioration.		
G4	Main landing gear roller blind covers, associated rollers and elastic cord for damage and deterioration.		
G5	Upper and lower main landing gear fairing seals for hardening and deterioration.		
G6	Pitot and static system lines for obstructions by applying reverse air pressure (not exceeding 2.5 psi (17.24 KPa) to the ends of the pitot and static lines disconnected from the instruments. Perform pitot/static leak check. **CAUTION: DISCONNECT THE AUTOPILOT BAROMETRIC ALTITUDE SENSOR LINE BEFORE APPLYING REVERSE AIR PRESSURE TO PITOT AND STATIC SYSTEM LINES TO PREVENT DAMAGE TO THE BAROMETRIC SENSOR**		
G7	Stall warning lift detector vanes for free operation, dust blockage and corrosion.		
G8	Fwd avionics compartment air filter (Mod 6/2045), inspect for condition, security and free of obstruction. Clean as required.		
G9	MAU (Mod 6/2049), visually inspect the mesh covering the air intake for dust and debris. Clean as required.		
	OPERATING IN AREAS OF HIGH HUMIDITY N/A		
	Every 50 Flight Hours		
H1	All exterior surfaces and components for corrosion. **NOTE 1: Refer to Twin Otter Corrosion Manual, PSM 1-6-5 Parts 1 and 2, for details of preventive maintenance methods and known corrosion areas. Also refer to Part 3 as required by your Local Regulatory Authority.** **NOTE 2: For Mod 6/2020, refer to added susceptible area PSM 1-6-5 Part 2/3 (CPCM C53-11-05) for STA 44.0 exterior aluminum joint straps and fasteners common to the carbon nose corrosion inspection.**		
	Every 600 Flight Hours		
H2	Floor understructure, check for corrosion by removing floor panels and inspecting undersurface, especially channel sections.		
H3	Fuel gallery; inspect access panels and seals for damage (Mod 6/2408). Repair ore replace as required.		

Card No. SP1

	ENVIRONMENTAL CONDITIONS (CONT'D)	Mech. Initial	Insp. Initial
	WHEN CARGO OF LIVESTOCK OR CORROSIVE MATERIAL HAS BEEN CARRIED		
I1	Remove floor panels, clean and inspect understructure for corrosion.		
	OPERATING IN TROPICAL HIGH SALT CONTENT OR TROPICAL MARINE ENVIRONMENT (Between the Tropics of Cancer and Capricorn) (FLOATPLANE AND LANDPLANE) N/A		
	Daily		
J1	After completion of day's flying; wash engine compressor in accordance with instructions in Maintenance Manual. **NOTE: If exterior of engine is salt-contaminated, wash in accordance with instructions in Engine Maintenance Manual.**		
	Every 200 Flight Hours		
J2	All exterior surfaces and components for corrosion. **NOTE 1: Refer to Twin Otter Corrosion Manual, PSM 1-6-5 Parts 1 and 2, for details of preventive maintenance methods and known corrosion areas. Also refer to Part 3 as required by your Local Regulatory Authority.** **NOTE 2: For Mod 6/2020, refer to added susceptible area PSM 1-6-5 Part 2/3 (CPCM C53-11-05) for STA 44.0 exterior aluminum joint straps and fasteners common to the carbon nose corrosion inspection.**		
J3	Remove fuel gallery access panels on underside of fuselage and inspect all wiring for corrosion and deterioration, radio suppressors and gallery structure for corrosion. For Mod 6/2390, visually inspect environmental wrap for condition, integrity (split, tear or removal etc.), corrosion, external wiring, connections and terminations for deterioration. **NOTE: Any degradation in the environmental wrap, remove wrap and do a detailed visual inspection of electrical wiring, connections and terminations for condition and corrosion. Replace damaged components. Install new environmental wrap (refer to PSM1-64-2, Chapter 20-50-03).** For Mod 6/2395, do a detailed visual inspection of the backshell and backshell sealant for deterioration in the seal cavities. If deterioration is evident, clean and reseal the backshell. Replace if deterioration is severe.		

Card No. SP1

	ENVIRONMENTAL CONDITIONS (CONT'D)	Mech. Initial	Insp. Initial
	OPERATING IN TROPICAL HIGH SALT CONTENT OR TROPICAL MARINE ENVIRONMENT (Between the Tropics of Cancer and Capricorn) (FLOATPLANE AND LANDPLANE) (CONT'D) N/A		
	Every 200 Flight Hours (Cont'd)		
J 3.1	Fuel Manifold (6/2389) - Bonding clamp sealant and terminal lug sealant for condition and integrity, peeling, cracking or evidence of corrosion. Inspect bonding jumpers for condition, security, integrity and corrosion. If damaged, replace component; re-apply sealant.		
J3.2	Inspect access panels and seals for damage (Mod 6/2408). Repair or replace as required.		
	Every 125 hours or 3 months, Whichever Occurs First		
J4	The entire accessible length of the elevator and rudder primary flight control cable systems for condition, corrosion, fraying, flattening, proper attachment and security. Pulleys for condition and freedom of movement. Pulley brackets and fairleads for condition and security. Turnbuckles for security, refer to AMM. **NOTE 1: Place special emphasis on locations aft of STA 262.00, at pulley stations, fairleads at STA 436.00 and STA 486.34.** **NOTE 2: In the event of early or abnormal cable wear at pulley(s), replace the worn cable(s) and the corresponding pulley(s).** **NOTE 3: Stainless Steel Control Cables are approved for use on float aircraft in lieu of Carbon Steel Cables. Refer to PSM 1-6-2 (DHC-6 Series 100/200 Maintenance Manual), PSM 1-63-2 (DHC-6 Series 300 Maintenance Manual) and PSM 1-64-2 (DHC-6 Series 400 Maintenance Manual) and Technical Advisory Bulletin (TAB) 678/3 for cable specifications.** **NOTE 4: Inspection interval may be reduced, if required.**		
	Every 12 Months		
J5	Replace Primary Flight Control Cables (Rudder and Elevator)		
	TOTAL SIGN OFF		

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Card No. SP2

A/C Registration No.	Date:		
Manhours: Prep: Total:		Mech. Initial	Insp. Initial
Accomplished at Hours			

SPECIAL INSPECTIONS

The following special inspections supplement the basic inspections to ensure that components and systems, vulnerable to malfunctions under adverse environmental conditions or continuous operation from rough, unpaved fields, are thoroughly inspected. In addition, special inspections related to conditions, which are not environmental in nature, are included. Accomplish the inspections, as necessary, according to the conditions under which the aircraft is being operated.

NON-ENVIRONMENTAL CONDITIONS

Landing Gear, Fuel System, Flight Controls, Wings, Tailplane, Fuselage, Engine and Propeller, Furnishing, Autopilot, Fire Protection, Oxygen and Navigation, Indicating and Recording Systems.

LANDING GEAR

First Tire Change at 1500, 2500, 3000 and 3250 Landings and at Each Tire Change Thereafter — CALM

A 1.1	Remove nose wheel. Remove tire and inspect wheel for cracks using dye penetrant method. (32-09-5).		
A 1.2	Remove main wheels (Pre Mods 6/2002 and 6/2317). Remove tires and inspect wheels for cracks using dye penetrant method. (32-11-4).	N/A Mod	incorporated

First tire change after 2000 cycles and then Every 800 to 1000 landings or every second tire change. — CALM

A 1.3	Remove main wheels (Post Mods 6/2002 and 6/2317). Remove tires and inspect wheels for cracks using dye penetrant method. (32-11-4).		
A2	DELETED		
A3	DELETED		

FUEL SYSTEM

After Every Flight — CALM

B1	After fuel tank replacement, check engine fuel pump filter screen (inlet) until no contamination is found.		

After First 50 Flight Hours — CALM

B2	After fuel tank replacement, remove and examine fuel system strainer element and motive line; check valve strainers for foreign matter. Clean, install and pressure test. If accumulation in strainers appears excessive, recheck after a further 20 flight hours. (28-05a-2, 28-05c-2).		

Card No. SP2

	NON-ENVIRONMENTAL CONDITIONS (CONT'D)	Mech. Initial	Insp. Initial
	FUEL SYSTEM (CONT'D)		
	Every 6000 Flight Hours or 5 Years, Whichever occurs first		
B3	Fuel Manifold (Mod 6/2389) – Inspect under bonding clamp sealant for corrosion. Remove sealant, bonding clamps and jumpers. Inspect tube for corrosion and pitting. Replace clamps, bonding jumpers and hardware with new; reseal clamps grounding hardware and terminal lugs. (28-02-4).	CALM	
	FLIGHT CONTROLS		
	Every 100 Flight Hours		
C1	Flight control column (Pre Mod 6/1433); examine lower horizontal torque tube to vertical column welds for cracks. **NOTE: Refer to Service Bulletin Nos. 6/180, 6/181 and A.D. CF-72-06 or 69-05-01 and 69-08-12, if applicable, and to next flight, if aircraft is subjected to tail high velocity gust winds.** (27-01-2).	N/A Mod incorporated	
C2	Overhead console (Pre Mod 6/1895); Melaine or Polycarbonate quadrants for cracks and freedom of movement. **NOTE: Refer to Service Bulletin Nos. 6/519, 6/298 and A.D. CF-73-06 or 73-19-06 and 93-10-08, if applicable.** (27-11b, 76-06).	N/A Mod incorporated	
	Every 400 Flight Hours or 6 Months, Whichever Occurs First		
C3	Flight control (Pre Mods 6/1486 to 6/1489 inclusive) 2024T3 material pushrods with fail safe sleeves installed for cracks. **NOTE: Refer to Service Bulletin No. 6/390 and A.D. CF-80-03 or 80-13-11, if applicable.** (27-13a).	CALM	
C 3.1	Steering cables (Pre Mod 6/1800); remove control column cover and inspect for condition, fraying, kinks, flattening, proper attachment and security, and pay particular attention for possible cable fraying, especially in the vicinity of small diameter pulleys; pulleys for condition, free movement of operation and security; turnbuckles for security. Install control column cover. Do a detailed visual inspection of cable terminals as follows: (a) Remove and discard the lockwire from the cable terminals as follows: **NOTE: If safety clip is installed, do not remove the safety clip.** (b) Do a detailed visual inspection of cable terminals (excluding the hexagonal wrench flat area) for signs of corrosion pits.	N/A Mod incorporated	

Card No. SP2

	NON-ENVIRONMENTAL CONDITIONS (CONT'D)	Mech. Initial	Insp. Initial
	FLIGHT CONTROLS (CONT'D)		
C 3.1 (Cont'd)	(c) Do a detailed visual inspection of cable terminals for signs of cracks in all exposed parts of the terminals. (d) If corrosion pits and/or cracks are found on any cable terminal, remove the applicable cable assembly and replace with new cable assembly. (e) If a new cable assembly is installed or if the rigging was disturbed when the lockwire was removed in step (a), rig the control system. (f) If the lockwire was removed, secure the cable terminals with lockwire. **NOTE: Refer to Service Bulletin No. 6/453 and A.D. CF-84-03, if applicable.** (32-04b).		
	Every 800 Flight Hours or 1 Year, Whichever Occurs First		
C4	Wing flap (Mod 6/1487) 2024T81 material pushrods with (Mods 6/1710 and 6/1714) sleeves incorporated for cracks. **NOTE: Refer to Service Bulletin Nos. 6/381, 6/388 and A.D. CF-79-22 or 80-03-08, if applicable.** (27-13b).	N/A Mods Installed	not
C5	Flight control (Mods 6/1486 to 6/1489 inclusive) 2024T81 material pushrods with (Mods 6/1703, 6/1718, 6/1721, 6/1734 and 6/1735) sleeves incorporated for cracks. **NOTE: Refer to Service Bulletin Nos. 6/390, 6/502 and A.D. CF-80-03 or 80-13-11, if applicable.** (27-13).	CALM	
	Every 6 Months		
C6	On float installations check tension of elevator feel spring. Not Installed		
	Every 2400 Flight Hours or 2 Years, Whichever Occurs First		
C7	Wing flap and flight control rods (Mods 6/1781, 6/1785, 6/1791, 6/1792, 6/1802 and 6/2109) manufactured from 6061 material with magnaformed sleeves for condition. **NOTE: Refer to Service Bulletin No. 6/502 and A.D. CF-79-22, CF-80-03 or F.A.A. 80-03-08, if applicable.** (27-13c).	CALM	
	Every 5 Years CALM		
C8	Replace all aileron, rudder and elevator flight control cables every 60 months for landplane aircraft. (27-04-2).		
C9	Replace the rudder and elevator pulleys at STA 270.3 every 60 months. (Landplane and/or floatplane operated in any environment) (27-04-2a).		

Card No. SP2

	NON-ENVIRONMENTAL CONDITIONS (CONT'D)	Mech. Initial	Insp. Initial
	WINGS		
	After First 200, 500 and Every 2000 Flight Hours		
D1	Pre Mod 6/1172, inspect Jo-bolts on wing struts for looseness. Replace as necessary. **NOTE 1: If a loose Jo-bolt is found, check dimple surface of strut for corrosion and clean, as necessary, before installing replacement Jo-bolt.** **NOTE 2: Refer to Service Bulletin No. 6/166 and A.D. CF-69-20 and 68-26-02, if applicable.** (57-04a-1).	N/A Mod incorporated	
	Every 400 Flight Hours		
D2	Inboard (Mod 6/1556) Trailing Flap for condition, drain holes for obstruction, skins for dents, scores, corrosion, cracks and fasteners for security. (57-16b).	CALM	
	Every 500 Flight Hours		
D3	Wing root rib forward (Pre Mod 6/1887) aluminum adapter for condition, corrosion and cracking. **NOTE: Refer to Service Bulletin No. 6/476 and A.D. CF-85-12 or 94-04-01, if applicable.** (57-11).	N/A Mod incorporated	
	Every 1200 Flight Hours or 2400 Flights, Whichever Occurs First		
D4	Inspect wing main spar lower forward cap angle and doubler after incorporating Mod 6/1318. **NOTE: Refer to PSM 1-6-7, Part 3, Figures 6 and 7, and to Service Bulletin No. 6/268.** (57-23).	CALM	
D5	Wing rear spar cap adaptor (Pre Mod 6/1301) for cracks. **NOTE: Refer to Service Bulletin No. 6/295 and A.D. CF-73-03 or 95-18-11, if applicable. Every 1200 Flight Hours or 12 months, Whichever Occurs First.** (57-10).	N/A Mod incorporated	
D6	Inspect lower wing skin at wings station 185. **NOTE: Refer to Service Bulletin 6/362 or PSM 1-6-11.** (57-24).	CALM	
D7	Inspect lower wing skin, stringers and aft spar lower flange from wing Stations 122 to 263 (ribs 8 to 20). **NOTE: Refer to PSM 1-6-7, Part 3, and PSM 1-6-11.** (57-25).	CALM	

Card No. SP2

	NON-ENVIRONMENTAL CONDITIONS (CONT'D)	Mech. Initial	Insp. Initial
	WINGS (CONT'D)		
	Every 2400 Hours or 4800 Flights, Whichever Occurs First		
D8	Inspect lower wing attachment fitting (C6W1045) at wings station 97.5 for cracks. Check visible surfaces on inboard and outboard fittings, particularly around fastener holes. Removal of fastener not necessary. **NOTE: Refer to PSM 1-6-7, Part 3, and PSM 1-6-11.** (57-26).	CALM	
	Every 2.5 Years or 3000 Hours, Whichever Occurs First		
D9	Remove wing strut upper and lower attachment bolts and strut and strut link attachment bolts. Check bolt and bushing for wear and fretting. Inspect lower fuselage attachment bearing for free movement and wear. Install upper and lower attachment bolts. (57-05).	CALM	
	Every 2.5 Years		
D10	Remove wing to fuselage forward and aft attach bolts or the wing rear spar to the fuselage pins (Mods 6/1752 and 6/1881), if incorporated, for wear, fretting and corrosion, bushing for wear and security. Install serviceable bolts or rear spar pin, if modified. (53-08).	CALM	
	Every 5 Years		
D11	Wing main spar lower forward and aft cap angles and adjacent structure for corrosion. **NOTE: Refer to Service Bulletin No. 6/492 and A.D. CF-87-02 or 94-08-10, if applicable.** (57-12).	CALM	
	6000 Hours or Every 5 Years, Whichever Occurs First		
D12	Remove wing struts from aircraft and inspect strut beam for condition and corrosion. Install serviceable wing struts. **NOTE: Refer to Service Bulletin No. 6/474 and A.D. CF-85-14 or 87-04-23, if applicable.** (57-04b).	CALM	
	TAILPLANE		
	Every 7 Flight Hours N/A		
E1	Horizontal stabilizer (Pre Mod 6/1114) loose attachment bolt torque check. **NOTE: Refer to Service Bulletin No's 6/39 and A.D. 67-28-03, if applicable.** (55-02l).	N/A Mod incorporated	

Card No. SP2

	NON-ENVIRONMENTAL CONDITIONS (CONT'D)	Mech. Initial	Insp. Initial
	TAILPLANE (CONT'D)		
	Every 600 Flight Hours N/A		
E2	Inspect elevator root ribs (Pre Mod 6/1769) in vicinity of torque tube attachment for cracks. **NOTE: Refer to Service Bulletin No. 6/399 (6/287) and A.D. CF-82-21 or 95-18-10, if applicable.** (55-05c-1).	N/A Mod incorporated	
	Every 800 Flight Hours or 8 Months, Whichever Occurs First		
E3	Horizontal stabilizer Pre Mod and retrofitted fwd. and aft brackets (Mods 6/1808 and 6/1809) material brackets including fastener replacement by Mods 6/1855 and 6/1856 for cracks, loose brackets and fasteners. **NOTE: Refer to Service Bulletin Nos. 6/438, 6/475, 6/513 including A.D. CF-92-04 or 95-22-07, if applicable.** (55-02a, 55-02b).		
	Every 1200 Flight Hours		
E4	Horizontal stabilizer center hinge arm (Pre Mod and Mod 6/1341) for flange cracks. **NOTE: Refer to Service Bulletin No. 6/512 and A.D. CF-92-05 or 94-14-22, if applicable.** (55-02d).		
E5	Horizontal stabilizer outboard hinge arm adapter plate and hinge fitting (Pre and Post Mods 6/1341 and 6/1799) for condition, corrosion, fretting and cracking. **NOTE: Refer to Service Bulletin No. 6/421 and A.D. CF-83-11 or 95-21-14, if applicable.** (55-02e, 55-05h-1).		
	Every 6000 Flight Hours or 5 Years, Whichever Occurs First		
E6	Remove vertical stabilizer from aft fuselage and inspect forward and rear spar adapter plates (Pre Mods 6/1841 and 6/1842) for cracks, corrosion and fasteners for security. **NOTE: Refer to Service Bulletin No. 6/454 for Part B inspection. (55-03b).** (55-03b).	N/A Mod incorporated	

Card No. SP2

	NON-ENVIRONMENTAL CONDITIONS (CONT'D)	Mech. Initial	Insp. Initial
	TAILPLANE (CONT'D)		
	Every 6000 Flight Hours or 5 Years, Whichever Occurs First (Cont'd)	N/A	
E7	Forward and rear spar adapter plates including the vertical stabilizer spar adapter plates (Mods 6/1843, 6/1844, 6/1845 and 6/1846), inspect visible areas and barrel nut recess for condition, corrosion and fasteners for security. **NOTE: Remove bolts from the stabilizer adapter plates one at a time for access to barrel nut recess area in adapter plate. Apply water displacement corrosion inhibitor (Boeshield T9 or equivalent) to bolt heads and barrel nuts when bolts are torqued.** (55-03c-2).		
	FUSELAGE		
	Every 1200 Flight Hours or 6 Months, Whichever Occurs First		
F1	Fuselage side frames Stations 218.00 and 219.00 for cracks (Pre Mods 6/1461 and 6/1462). **NOTE: Refer to Service Bulletin No. 6/371 and A.D. CF-78-17 or 97-23-09, if applicable.** (53-13).	N/A Mod incorporated	
F2	DELETED		
	Every 6000 Flight Hours or 5 Years, Whichever Occurs First		
F3	Remove vertical and horizontal stabilizers from aft fuselage and four location plates located on aft fuselage top rib for access to four aft fuselage frame upper adapter plates (Pre Mod's. 6/1843, 6/1844, 6/1845 and 6/1846) and inspect for condition, corrosion, cracks and fasteners for security. **NOTE 1: Apply water displacement corrosion inhibitor (Boeshield T9 or equivalent) to bolt heads and barrel nuts when bolts are torqued.** **NOTE 2: Refer to Service Bulletin No. 6/454 for Part B inspection.** (53-11b).	N/A Mod incorporated	
F4	Adapter plates (Mods 6/1843, 6/1844, 6/1845 and 6/1846) in aft fuselage, inspect visible areas and barrel nut recess for condition, corrosion and fasteners for security. **NOTE: Remove barrel nuts from aft fuselage frame adapter plates one at a time for access to barrel nut recess area in adapter plate. Apply water displacement corrosion inhibitor (Boeshield T9 or equivalent) to bolt heads and barrel nuts when bolts are torqued.** (53-11c-2).	CALM	

Card No. SP2

	NON-ENVIRONMENTAL CONDITIONS (CONT'D)	Mech. Initial	Insp. Initial
	FUSELAGE (CONT'D)		
	Every 200 Flight Hours		
F5	Elevator bellcrank and hydraulic hand pump attach structure (Pre Mod 6/1594) for condition, security and cracking. **NOTE: Refer to Service Bulletin No. 6/348 and A.D. CF-77-05 or 93-02-04 if applicable to Pre Mod 6/1594 standard.** (53-18a).	N/A Mod incorporated	
	ENGINE AND PROPELLER		
	At Each Engine Change CALM		
G1	Replace engine vibration isolator bolts (vibration isolators to engine casing) and bolt (vibration isolator to nacelle). (71-08a-2).		
	Every 1000 Flight Hours or 3000 Flights, Whichever Occurs First		
G2	Only applicable to operators who have experienced engine vibration isolator failures due to regular operation on rough water. Accomplish overhaul check in accordance with Aircraft Maintenance Manual. (SP3-J1-a).	N/A	
	Every 3000 Flight Hours		
G 2.1	Remove engine vibration isolator assemblies for overhaul. Install serviceable units. **NOTE: Refer to Aircraft Maintenance Manual.** (71-08a-3).	CALM	
G 2.2	Only applicable to operators who have experienced engine vibration isolator failures due to regular operation on rough water (a) Replace all three (per engine) vibration isolator assemblies. Replace bolts (vibration isolator to engine casing) and bolt (vibration isolator to nacelle). **NOTE: Refer to Aircraft Maintenance Manual.** (SP3-J1-b).	N/A	
	Every 3500 Flight Hours CALM		
G3	Woodward Constant Speed Governor. Remove for overhaul. Install serviceable unit. **NOTE: Refer to Woodward Governor Service Bulletin No. 33580 for interval extension.** (61-04-3).		

Card No. SP2

	NON-ENVIRONMENTAL CONDITIONS (CONT'D)	Mech. Initial	Insp. Initial
	ENGINE AND PROPELLER (CONT'D)		
	Every 4500 Flight Hours		
G4	Woodward Overspeed Governor; remove for overhaul. Install serviceable unit. **NOTE: Refer to Woodward Governor Service Bulletin No. 33580 for interval extension.** (61-03-2).	CALM	
	Every 500 Flight Hours		
G5	Engine-driven air pump, pneumatic system; remove for internal inspection.	CALM	
	In Accordance with Hartzell Service Letter HC-SL-61-61Y		
G6	Hartzell Propeller; remove for overhaul. Install serviceable unit. **NOTE: Refer to Hartzell Service Letter HC-SL-61-61Y for most current information.** (61-05-3).	CALM	
	FURNISHINGS		
H1	Emergency Locator Transmitter for condition. Replace or recharge batteries when 50% of useful battery life has expired. **NOTE 1: Refer to data marking on equipment and specific manufacturer's instructions.** **NOTE 2: Refer to A.D. CF-78-01 and CF-81-29 or 74-20-10, 79-05-02 and 79-18-05, if applicable.** (25-07).	CALM	
H2	Remove life jackets and life rafts; inspect and install serviceable units. **NOTE: Refer to manufacturer's instructions and Local Regulatory Authority for inspection details.** (25-09, 25-10).	CALM	
	AUTOPILOT		
	Every 2000 Flight Hours		
I1	Replace (Bendix M4C) primary servo bearings. If necessary, turn and undercut commutator ring. (22-19a-4, 22-20a-4, 22-21a-4).	N/A	

Card No. SP2

	NON-ENVIRONMENTAL CONDITIONS (CONT'D)	Mech. Initial	Insp. Initial
	FIRE FIGHTING		
	Every 3 Months N/A		
J1	Remove and weigh Model 28H water/glycol and Models 28H and 384 (BCF) hand fire extinguishers. Install serviceable units. **NOTE: Refer to Maintenance Manual. On BCF models check that nozzle cap is not seized. Partly or fully discharged containers must be replaced.** (25-11a).		
	Every 6 Months		
J2	Remove and weigh Model 2-10 Halon 1211 (BCF) or H3R Aviation 1211 Model A1600 hand fire extinguisher. Refer to Maintenance Manual. Partly or fully discharged containers must be replaced. Install serviceable units. **NOTE: When check weighing make sure weight of extinguisher is within 4 oz. (113.4 grams) of weight stamped on label.** (25-11b).		
J3	Check continuity of engine fire extinguisher system and check continuity of squib assembly in accordance with Maintenance Manual. (26-02).		
	Every 2 Years		
J4	Discharge, refill and pressurize water/glycol type Model 28H hand fire extinguisher. Refer to Maintenance Manual. Install serviceable unit. (25-11c).		
	Every 4 Years		
J5	Replace engine fire extinguisher squib. **NOTE: The combined shelf life and service life of the squib cartridge is six years from date of manufacture. Maximum service life is four years. Make sure that the service life left of the squib cartridge is four years or more before you install the component on the aircraft.** (26-02d).		
	Every 6000 Flight Hours or 5 Years Whichever Occurs First		
J6	Remove engine fire extinguisher bottle for hydrostatic test. (26-02c).		
J7	Remove and overhaul Model 28H (BCF) hand fire extinguisher. (25-11d).		

Card No. SP2

	NON-ENVIRONMENTAL CONDITIONS (CONT'D)	Mech. Initial	Insp. Initial
	OXYGEN		
	Every 3 Years N/A		
K1	Hydrostatic test oxygen bottles (Type 3HT). (35-03).		
K2	Hydrostatic test oxygen bottles (Type 3AA). (35-03a).		
	NAVIGATION CALM		
	Every 12 Months or in Accordance with Local Regulatory Authority		
L1	Compass swing (standby compass). (34-8g-2).		
L2	ADAHRS - Compass Accuracy Verification. (34-22d-1).		
	Every 24 Months or in Accordance with Local Regulatory Authority		
L3	ADAHRS - Altimeter System Test. (34-22d-2).		
L4	Function Test Transponder System (KXP 2290A) ADS-B Out Conformity (Post Mod 6/2354 with SOO 6347). (34-15-5).		
L5	Transponder System Function Test (KXP 2290 or KXP 2290A). (34-15-6).		
L6	Transponder Air Data Input Verification (KXP 2290 or KXP 2290A). (34-15-7).		
	AUTO FLIGHT		
	Every 400 Flight Hours		
M1	Collins AP-106 autopilot disengage switch for condition and security. Clean as required. (22-41).	N/A	
	Every 2400 Flight Hours		
M2	Honeywell H14 aileron, rudder, pitch trim and elevator servo mounting brackets for condition and security. (22-03a-1, 22-04a-1, 22-13a-1, 22-05a-1).	N/A	
	INDICATING AND RECORDING SYSTEMS		
	Every 1000 Flight Hours or 3 Months Whichever Occurs First		
N1	ESIS battery (Mod 6/2049, Pre Mod 6/2170) (Post Mod 6/2170) & (SOO 6209). Do a periodic battery check. (31-07a-3).	CALM	

Card No. SP2

	NON-ENVIRONMENTAL CONDITIONS (CONT'D)	Mech. Initial	Insp. Initial
	INDICATING AND RECORDING SYSTEMS (CONT'D)		
	Every 3000 Flight Hours or 12 Months Whichever Occurs First		
N2	ESIS battery (Mod 6/2049, Pre Mod 6/2170) (Post Mod 6/2170) & (SOO 6209). Do a battery capacity test. (31-07a-4).	CALM	
N3	CVR (Mod 6/2049, SOO 6384). Do a ULB periodic system check. (31-09-3).	CALM	
	Every 3000 Flight Hours or 12 Months Whichever Occurs First (Cont'd)		
N4	FDR (Mod 6/2049) (Post Mod 6/2332) & (SOO 6385). Do a ULB periodic system check. (31-10-3).	CALM	
	As required by Local Regulatory Authority; However, Not to Exceed 5000 Hours or 5 Years, Whichever Occurs First. **Transport Canada Civil Aviation Requirements is Every 3000 Hours or 12 Months, whichever Occurs First.**	CALM	
N5	CVR (Mod 6/2049, SOO 6384). Do intelligibility test. (31-09-4).		
N6	FDR (Mod 6/2049) (Post Mod 6/2332) & (SOO 6385). Do a correlation check. (31-10-4).		
	Every 12 Months or in Accordance with Local Regulatory Authority	CALM	
N7	ESIS Calibration check. (31-07e).		
	Every 12 Months		
N8	CVR (Mod 6/2049, SOO 6384). Do Function Test. (31-09-5).		
	Every 24 Months or in Accordance with Local Regulatory Authority	CALM	
N9	ESIS Altimeter System Test. (31-07c).		
	TOTAL SIGN OFF		

N/A

CARD No. FL

A/C Registration No.		Date.	
Area: **1, 2 and 3 External**		Trade: **Airframe**	
Manhours: Prep:	Total: 1.2 Hrs.	Mech. Initial	Insp. Initial
Accomplished at	Hours		
INSPECTIONS			
	This card lists all inspection requirements and intervals for the float installation. The mechanic will perform only the requirements applicable up to the interval specified. **NOTE: Refer also to Special Inspection card SP1 when operating with floats from salt water.**		
Daily			
1	Float installation for condition and evidence of corrosion. Use bilge pump and check each float compartment for water ingress. Check vent lines for obstruction. **NOTE: Refer to A.D. CF-75-03 and CF-75-14 or 76-07-08, if applicable.**		
2	Remove all fuel gallery covers and rinse entire fuel gallery with fresh water. (Mod 6/2275)		
Weekly			
3	Inspect electrical connections for evidence of corrosion or sealant deterioration. Remove corrosion and reapply protective coatings as required. (Mod 6/2275) **NOTE: Inspection to be performed daily for one (1) week after Mod 6/2267 incorporated.** **NOTE: EMI filter removed if Mod 6/2267 incorporated.**		
Every 50 Flight Hours			
4	Float installation for corrosion, distortion, abrasions and loose fasteners.		
5	Elevator feel spring bungee for fraying, deterioration and security of end hooks, attachment brackets and clamps for cracks and security. Clamp on elevator cable for evidence of movement. **NOTE: Refer also to Special Inspection card SP2 Flight Controls for calendar interval inspection of feel spring.**		
Every 100 Flight Hours			
6	Main leg attachments to floats for corrosion, evidence of movement and security. **NOTE: Refer to Service Bulletin No. 6/296 and A.D. CF-73-11 or 73-20-05, if applicable, for all (Pre Mod 6/1464) aircraft when operating with CAP floats prior to Aircraft Serial No. 071.**		

N/A **CARD No. FL**

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
	Every 100 Flight Hours (Cont'd)		
7	Strut fairings for cracks, distortion and security, seals for deterioration and proper fit.		
	Every 125 Flight Hours		
8	Inspect entire fuel gallery for corrosion. Remove corrosion as required and reapply any protective finishes required. Remove and replace any damaged components (Mod 6/2275). Inspect access panels and seals for damage (Mod 6/2408). Repair or replace as required. For Mod 6/2390, visually inspect environmental wrap for condition, integrity (split, tear or removal etc.), corrosion, external wiring, connections and terminations for deterioration. **NOTE: Any degradation in the environmental wrap, remove wrap and do a detailed visual inspection of electrical wiring, connections and terminations for condition and corrosion. Replace damaged components. Install new environmental wrap (refer to PSM1-64-2, Chapter 20-50-03).** For Mod 6/2395, do a detailed visual inspection of the backshell and backshell sealant for deterioration in the seal cavities. If deterioration is evident, clean and resale the backshell. Replace if deterioration is severe.		
	Every 200 Flight Hours		
9	Inspect access panels and seals for damage (Mod 6/2408). Repair or replace as required.		
	Every 300 Flight Hours		
10	Front and rear support struts for damage, corrosion and security.		
11	Drag Struts for condition, corrosion and security.		
12	Spreader bars for condition, corrosion and security. **NOTE: Refer to Service Bulletin Nos. 6/330, 6/357 and A.D. CF-80-01 or 80-13-13 as applicable for aircraft without float installation Mods 6/1550, 6/1619 and 6/1658.**		
13	Tie rods for condition, fraying, proper locking and security.		
14	Main leg fittings and lugs for condition, cracks and security (slide fairings lugs back to accomplish this inspection).		
15	Float stowed equipment and equipment stowages for condition and security.		
16	Remove cover from nose gear well; inspect well area for evidence of corrosion, stowed nosewheel steering cables for evidence of corrosion and security in stowed position. Replace wheel well cover.		

N/A **CARD No. FL**

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
	Every 300 Flight Hours (Cont'd)		
17	Float rubber bumpers for condition and deterioration; mooring cleats for security and floats internally for corrosion.		
18	Floats internally for corrosion.		
	Every 400 Flight Hours or 3 Months, Whichever Occurs First		
19	Elevator/rudder control cables for corrosion and fraying. **NOTE: Stainless Steel Control Cables are approved for use on float aircraft in lieu of Carbon Steel Cables. Refer to PSM 1-6-2 (DHC-6 Series 100/200 Maintenance Manual), PSM 1-63-2 (DHC-6 Series 300 Maintenance Manual) and PSM 1-64-2 (DHC-6 Series 400 Maintenance Manual) and Technical Advisory Bulletin (TAB) 678/3 for cable specification.**		
	Every 600 Flight Hours		
20	All float attachment fittings, including lugs and brackets for condition, cracks, corrosion and security. Remove float attachment bolts one at a time to inspect for wear, scoring and ovality.		
21	Floor structure - spot check for corrosion by removing a floor panel for access to underfloor structure, especially channel section areas for corrosion.		
22	Stabilizer finlets for condition and security.		
	Every 1000 Flight Hours		
23	Remove sealant from electrical connections and surrounding area. Clean per PSM 1-64-2, 12-20-05. Reapply sealant as per PSM 1-64-2, 20-50-01. (Mod 6/2275)		
	Every 12 Months		
24	Replace flight elevator and rudder control cables.		
	TOTAL SIGN OFF		

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N/A	**CARD No. SK**		
A/C Registration No.	Date.		
Area: **1 and 2 External**	Trade: **Airframe**		
Manhours: Prep:	Total: 10.8 Hrs.	Mech. Initial	Insp. Initial
Accomplished at	Hours		
INSPECTIONS			
	This card lists all inspection requirements and intervals for the wheel skis. The mechanic will perform only the requirements applicable to the interval specified.		
Daily **Nose Wheel Ski**			
1	Ski assembly for condition; remove any accumulation of snow and/or ice which could affect ski operation.		
2	If in “wheel landing” configuration, aft end of nose ski for ground clearance, and adequate clearance between sling and tire.		
3	Plastic tape or polyethylene coating (Mod 6/1646, Mod 6/2199) on lower surface of ski for serviceability.		
4	Slings, sling actuating torque link assemblies and aft torque tube for condition.		
5	Ski trim cables and bungee shock units for excessive wear, fraying and security; pulleys for freedom of movement.		
6	Hydraulic lines and hoses for condition and leakage.		
7	Electrical wiring for security and condition; remove any accumulation of snow or ice.		
8	Torque link assembly for condition.		
9	Limit links at sling pivot on nose wheel ski for distortion and security.		
10	Skids and skegs for excessive wear and security.		
11	Remove inspection panels from ski. Remove any accumulation of snow and/or ice from the interior of ski. **CAUTION: PACKED SNOW OR ICE IN THE VICINITY OF EITHER THE ACTUATOR OR THE LIMIT SWITCHES COULD RESULT IN MALFUNCTIONING OF THE SKI AND POSSIBLE DAMAGE.**		
Main Wheel Ski			
12	Ski assemblies for condition; remove any accumulation of snow and/or ice which could affect ski operation.		
13	If in “wheel landing” configuration, aft end of main skis for ground clearance, and adequate clearance between sling and tire.		
14	Plastic tape or polyethylene coating (Mod 6/1646, Mod 6/2199) on lower surface of skis for serviceability.		

N/A **CARD No. SK**

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
	Daily (Cont'd)		
	Main Wheel Ski (Cont'd)		
15	Slings, sling actuating torque link assemblies and aft torque tubes for condition.		
16	Ski trim cables and bungee shock units (Pre Mod 6/1236) for excessive wear, fraying and security; pulleys for freedom of movement; ski bungee restraining clips for security.		
17	Torsion bars (Mod 6/1236) and lever assemblies for condition and security; cable and bungee cords for fraying, wear and security.		
18	Hydraulic lines and hoses for condition and leakage.		
19	Electrical wiring for security and condition; remove any accumulation of snow and ice.		
	General		
20	(a) Check "PRESS-TO-TEST" function of the ski position indicator lights. (Pre Mod 6/2182)		
	(b) Confirm that the illuminated ski position indicator lamps (Post Mod 6/2182) accurately indicate the actual position of the skis. Confirm that all six ski position indicator lamps illuminate when the CAUTION LIGHT switch is moved to the TEST position. Confirm proper operation of the CAUTION LIGHT DIM switch position.		
	Every 50 Flight Hours		
	Nose Wheel Ski		
21	If in the "wheel landing" configuration, make sure that nose wheel ski is parallel to the cabin floor. Re-rig ski, if required.		
22	Lubricate as required.		
23	Shock unit upper attachment brackets for signs of bending.		
24	Hydraulic actuator for leakage and security; latch pin end of sling actuating torque link for wear, actuator and limit switch brackets for security.		
25	Remove any accumulation of snow or ice from the ski limit switches and visually inspect for adjustment and security.		
26	Inspection panels for condition, cracks and corrosion. Install panels after completion of inspection. **CAUTION: THE INSPECTION PANELS ARE PART OF THE STRESSED STRUCTURE. MAKE SURE THAT ALL SCREWS ARE INSTALLED.**		

N/A

CARD No. SK

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
	Every 50 Flight Hours (Cont'd)		
Main Wheel Ski			
27	If in the "wheel landing" configuration, make sure that main skis are parallel to the cabin floor. Re-rig ski, if required.		
28	Skids and skegs for excessive wear and security.		
29	Remove inspection panels from skis. Remove any accumulation of snow and/or ice from the interior of skis. **CAUTION: PACKED SNOW OR ICE IN THE VICINITY OF EITHER THE ACTUATOR OR THE LIMIT SWITCHES COULD RESULT IN MALFUNCTIONING OF THE SKI AND POSSIBLE DAMAGE.**		
30	Lubricate as required.		
31	Shock unit upper attachment brackets for signs of bending (Pre Mod 6/1236).		
32	Torsion bars and lever assemblies (Mod 6/1236) for cracks and distortion; socket plates and pivot bearings for condition and security; link assemblies for excessive play and security.		
33	Hydraulic actuator for leakage and security; latch pin end of the sling actuating torque link for wear; actuator and limit switches brackets for security.		
34	Remove any accumulation of snow or ice from the ski limit switches and visually inspect for adjustment and security.		
35	Inspection panels for condition, cracks and corrosion. Install panels after completion of inspections. **CAUTION: THE INSPECTION PANELS ARE PART OF THE STRESSED STRUCTURE. MAKE SURE THAT ALL SCREWS ARE INSTALLED.**		
General			
36	Function test ski retraction and extension.		
	Every 600 Flight Hours or at End of Season, Whichever Occurs First		
Nose Wheel Ski			
37	Remove nose ski.		
38	Disconnect and retract actuator.		
39	Manually operate components to check for any restriction in movement.		

CARD No. SK

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
	Every 600 Flight Hours or at End of Season, Whichever Occurs First (Cont'd)		
	Nose Wheel Ski (Cont'd)		
40	Remove sling actuating torque link and links attaching sling actuating torque link to sling and inspect as follows:		
	(a) Retaining screws holes for elongation and screws for wear.		
	(b) Lever arm retaining bolt holes for elongation and bolt holes for wear.		
	(c) Retaining bolt holes in links for elongation.		
	(d) Latch for elongation of attachment holes for actuator and wear on pins.		
	(e) Pins and slings at sling link attachment points for undue wear.		
	(f) Remove Polyethylene (Mod 6/2199). Inspect ski base and all hardware for wear, corrosion and serviceability.		
41	Disconnect pedestal bearings and remove sling, remove and lubricate bolt and spacer. Inspect limiting link slot and bolt for wear.		
42	Ski torque link as follows:		
	(a) Link for wear, paying particular attention to splines. Lubricate.		
	(b) Bolt holes for elongation and bolts for wear.		
	(c) Pivot bolt for wear.		
	(d) Bearings for undue wear. Lubricate.		
43	Bungee shock units, trim cables and all ski trim system pulleys, links, brackets and attaching parts for undue wear. Assemble ski and install. Re-rig the ski.		
	Main Wheel Ski		
44	Remove main ski. Disconnect and retract actuators. Manually operate components to check for any restriction in movement. Remove sling actuating torque link and links attaching sling actuating torque link to sling and inspect as follows:		
	(a) Retaining screw holes for elongation and screws for wear.		
	(b) Lever arm retaining bolt holes for elongation and bolt holes for wear.		
	(c) Retaining bolt holes in links for elongation.		
	(d) Latch for elongation of attachment holes for actuator and wear on pins.		
	(e) Pins and sling at the link attachment points for undue wear.		

CARD No. SK

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
	Every 600 Flight Hours or at End of Season, Whichever Occurs First (Cont'd)		
	Main Wheel Ski (Cont'd)		
45	Disconnect pedestal bearings and remove slings; remove and lubricate bolts and spacers.		
46	Disconnect shaft from crankshaft assembly and inspect as follows:		
	(a) Shaft bolt holes for elongation and bolts for wear.		
	(b) Sling/shaft attachment holes for elongation and attaching bolts for wear.		
	(c) Compensating linkage (i.e. crankshaft assembly, connecting rod and links) for excessive play.		
	(d) Lubricate bearings.		
47	Bungee shock units (Pre Mod 6/1236); torsion bar and lever assemblies (Mod 6/1236); trim cables and all ski trim systems pulleys; links and brackets and attaching parts for undue wear. Assemble skis and install. Re-rig the skis.		
	General		
48	Function test ski retraction and extension after rigging of main and nose skis is completed.		
	Spring Ski Operation		
	Daily		
	Main Skis		
49	Main skis general condition: remove any accumulation of snow and/or ice, which could effect ski operation.		
50	Ski trim cables and bungee cords for excessive wear, fraying and security; pulleys for freedom of movement; ski bungee restraining clips for security.		
51	Ski leaf springs and attachments for condition, bending and cracks.		
	Nose Ski		
52	Nose ski general condition: remove any accumulation of snow and/or ice, which could effect ski operation.		
53	Ski trim cables and bungee cords for excessive wear, fraying and security; pulleys for freedom of movement; ski bungee restraining clips for security.		
54	Ski leaf spring and attachments for condition, bending and cracks.		

CARD No. SK

	INSPECTIONS (CONT'D)	Mech. Initial	Insp. Initial
	Every 600 Flight Hours or at End of Season, Whichever Occurs First		
	Main Skis (Cont'd)		
55	Remove nose and main skis.		
	(a) Bolt holes for elongation and bolts for wear.		
	(b) Lubricate all bushes (3 places).		
	General		
56	Bungee shock units, pulleys, brackets and attaching parts for wear or cracks.		
57	Reassemble skis and install.		
	TOTAL SIGN OFF		

CARD No. HE–LH

A/C Registration No.			Date.		
Area:	**4.**	**P/Plant L.H.**	Trade: **Engine**		
Manhours: Prep: 0.1 Hrs.			Total: 0.3 Hrs.	Mech. Initial	Insp. Initial
Accomplished at			Hours		
HOT END INSPECTION **NOTE: Accomplish hot end inspection as detailed in Engine Manufacturer's Manual and in compliance with Pratt & Whitney Canada Service Bulletins 1803, 1403 and 1002. Include inspection indicated in "Major" column in the engine Manufacturer's Manual.**				CALM	
A	Consumable items: Refer to CI card.				
	INSPECTIONS				
1	Disassemble engine as required for inspection.				
2	Inspect in accordance with Hot Section Inspection requirements in Engine Manufacturer's Manual.				
3	Assemble engine in accordance with Engine Manufacturer's Manual.				
TOTAL SIGN OFF					

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CARD No. HE–RH

A/C Registration No.		Date.	
Area: **5.** **P/Plant R.H.**		Trade: **Engine**	
Manhours: Prep: Total:		Mech. Initial	Insp. Initial
Accomplished at Hours			
HOT END INSPECTION **NOTE: Accomplish hot end inspection as detailed in Engine Manufacturer's Manual and in compliance with Pratt & Whitney Canada Service Bulletins 1803, 1403 and 1002. Include inspection indicated in "Major" column in the engine Manufacturer's Manual.**		CALM	
A	Consumable items: Refer to CI card.		
	INSPECTIONS		
1	Disassemble engine as required for inspection.		
2	Inspect in accordance with Hot Section Inspection requirements in Engine Manufacturer's Manual.		
3	Assemble engine in accordance with Engine Manufacturer's Manual.		
TOTAL SIGN OFF			

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– Temporary Revision

PSM NO.: 1–6–7(IC) **AIRCRAFT:** DHC-6 **SERIES:** ALL

PUBLICATION: EMMA Inspection Work Cards **TEMPORARY REVISION NO.:** 224

Insert in EMMA Card No. CT – before Page 1

EMMA CARD NO. CT

REASON FOR ISSUE:

To add a CAUTION to the Main Battery deep cycle.

ACTION:

In Card No. CT, ignore existing Page 1 and insert the revised page, as shown on Page 2 of this Temporary Revision.

— Continued overleaf —

RECORDING INSTRUCTIONS:

Record this Temporary Revision No. and the relevant information in the appropriate columns of the TEMPORARY REVISION INDEX provided at the front of the manual.

CARD No. CT

A/C Registration No.		Date.	
Area:		Trade:	
Manhours: Prep:	Total:	Mech. Initial	Insp. Initial
Accomplished at	Hours		

	COMPONENT TESTS		
	NOTE 1: The test on this card are Bench Test – where the component is removed from the aircraft. **NOTE 2: In Phase tests are at the operating periods that follow:** **- Every 125 Flight Hours. - Every 250 Flight Hours.** **- Every 500 Flight Hours. - Every 1000 Flight Hours.** **- Every 1500 Flight Hours. - Every 3000 Flight Hours.** **- Every 6000 Flight Hours.** **NOTE 3: Out of Phase tests are at the operating periods that follow:** **- Every 1200 Flight Hours. - Every 2400 Flight Hours.** **- Every 3000 Flight Hours or Every 2.5 Years, whichever occurs first. - Every 4800 Flight Hours.**		
	EVERY 125 FLIGHT HOURS		
A-B1	Main battery - Check status of charge (measured discharge). Deep cycle Nickel Cadmium Battery as required. **CAUTION: DO NOT DEEP CYCLE A LEAD ACID BATTERY (SOOs 6091, 6371 OR MOD 6/2028)** (24-01-2).	CALM N/A Mod incorporated	
A-B2	Auxiliary battery - Check status of charge (measured discharge): deep cycle as required (Pre Mod 6/2028). (24-03-2).	N/A Mod incorporated	
	EVERY 1000 FLIGHT HOURS		
B-B1	Remove and send AP-106 autopilot servo units to a Collins authorized service center for inspection and test as per Collins SIL2-81 every 1000 flight hours. Install a serviceable unit. (22-32a-3, 22-33a-3, 22-34a-3).	N/A	
B-B2	AFCS (Autopilot) (Mod SOO 6221) KS272A Pitch trim servo system - Pitch Trim Capstan. (22-54e).	CALM	
B-B3	Avionics Start Battery (Mod 6/2315) - Check status of charge (measured discharge); deep cycle as required. (24-03-4).	N/A	
	EVERY 1200 FLIGHT HOURS		
C-B1	Reverse current relay (Pre Mod 6/1585) contacts visual inspection. **NOTE: Refer to Service Bulletin No's 6/338, 6/353 and A.D. CF-75-11, CF-77-08 or 75-26-07, 78-01-05, if applicable.** (24-05a-1).	N/A Mod incorporated	

NOTE: Please see the TEMPORARY REVISION that revises this page.

DHC-6 TWIN OTTER
EMMA Controlled Inspection Program

CARD No. CT

A/C Registration No.	Date.		
Area:	Trade:		
Manhours: Prep:	Total:	Mech. Initial	Insp. Initial
Accomplished at	Hours		

	COMPONENT TESTS		
	NOTE 1: The test on this card are Bench Test – where the component is removed from the aircraft. **NOTE 2: In Phase tests are at the operating periods that follow:** **- Every 125 Flight Hours. - Every 250 Flight Hours.** **- Every 500 Flight Hours. - Every 1000 Flight Hours.** **- Every 1500 Flight Hours. - Every 3000 Flight Hours.** **- Every 6000 Flight Hours.** **NOTE 3: Out of Phase tests are at the operating periods that follow:** **- Every 1200 Flight Hours. - Every 2400 Flight Hours.** **- Every 3000 Flight Hours or Every 2.5 Years, whichever occurs first. - Every 4800 Flight Hours.**		
	EVERY 125 FLIGHT HOURS		
A-B1	Main battery - Check status of charge (measured discharge); deep cycle as required. (24-01-2).	CALM	
A-B2	Auxiliary battery - Check status of charge (measured discharge): deep cycle as required (Pre Mod 6/2028). (24-03-2).	N/A Mod incorporated	
	EVERY 1000 FLIGHT HOURS		
B-B1	Remove and send AP-106 autopilot servo units to a Collins authorized service center for inspection and test as per Collins SIL2-81 every 1000 flight hours. Install a serviceable unit. (22-32a-3, 22-33a-3, 22-34a-3).	N/A	
B-B2	AFCS (Autopilot) (Mod SOO 6221) KS272A Pitch trim servo system - Pitch Trim Capstan. (22-54e).		
B-B3	Avionics Start Battery (Mod 6/2315) - Check status of charge (measured discharge); deep cycle as required. (24-03-4).	N/A	
	EVERY 1200 FLIGHT HOURS		
C-B1	Reverse current relay (Pre Mod 6/1585) contacts visual inspection. **NOTE: Refer to Service Bulletin No's 6/338, 6/353 and A.D. CF-75-11, CF-77-08 or 75-26-07, 78-01-05, if applicable.** (24-05a-1).	N/A Mod incorporated	

CARD No. CT

	COMPONENT TESTS (CONT'D)	Mech. Initial	Insp. Initial
	EVERY 1500 FLIGHT HOURS		
D-B1	Replace starter generator bearings and drive spline shaft if worn. Bench test starter generator. (80-01-3).	calm	
D-B2	Reverse current circuit breaker (Pre Mod 6/1651). **NOTE: This test also to be done after circuit breaker has been tripped by a fault.** (24-5c).	N/A Mod	incorporated
D-B3	Overvoltage relay (Pre Mods 6/1590 or 6/1636). (24-07-2).	N/A Mod	incorporated
D-B4	Reverse current relays (Post Mod 6/1585) contacts visual inspection. **NOTE: Refer to Maintenance Manual.** (24-05b-1).	N/A Mod	incorporated
	EVERY 2000 FLIGHT HOURS		
E-B1	Bendix M-4C autopilot servo units. (22-19a-4, 22-20a-4, 22-21a-4).	N/A	
	EVERY 2400 FLIGHT HOURS		
F-B1	H14 Aileron, elevator and rudder servo units. (22-03a-2, 22-04a-2, 22-05a-2).	N/A	
F-B2	H14 Pitch trim servo actuator and differential pressure switch. (22-13a-2, 22-13b-2).	N/A	
F-B3	Reverse current relay (Pre Mod 6/1585). Remove for bench test. **NOTE: Refer to Service Bulletin No's 6/338, 6/353 and A.D. CF-75-11, CF-77-08 or 75-26-07, 78-01-05, if applicable.** (24-05a-2).		
	EVERY 3000 FLIGHT HOURS		
G-B1	Reverse current relay (Post Mod 6/1585). Remove for bench test. **NOTE: Refer to Maintenance Manual.** (24-05b-2).		
G-B2	Turn and slip indicator (Pre Mod 6/2049). (34-08a-2).	N/A Mod	incorporated
G-B3	Directional gyro (AIM directional gyro only) (Pre Mod 6/2049). (34-08b-2).	N/A Mod	incorporated
G-B4	Airspeed indicator (Pre Mod 6/2049). (34-08c-2).	N/A Mod	incorporated
G-B5	Attitude indicator (Pre Mod 6/2049). (34-08d-2).	N/A Mod	incorporated
G-B6	Oil Cooler. (79-09-3).	C3000	

CARD No. CT

	COMPONENT TESTS (CONT'D)	Mech. Initial	Insp. Initial
	EVERY 3000 FLIGHT HOURS OR EVERY 2.5 YEARS, WHICHEVER OCCURS FIRST		
G-B7	Altimeter (Pre Mod 6/2049). **NOTE: Refer to A.D. C.T. CF-75-12.** (34-08f-2).	N/A Mod incorporated	
	EVERY 4800 FLIGHT HOURS		
H-B1	Nosegear steering actuator. (32-03-3).	CALM	
	EVERY 6000 FLIGHT HOURS		
J-B1	Fire detecting thermal units. (26-01a-2).	C 6000NT	
J-B2	Hydraulic system accumulators. (29-01b-3).	C 6000NT	
J-B3	Hydraulic (electric-driven) pump. (29-01d-2).	C 6000NT	
J-B4	Flap actuator (pressure test). (27-09a-2).	C 6000NT	
J-B5	Flap selector valve (pressure test). (27-09b-2).	C6000NT	
J-B6	Voltmeter (Pre Mod 6/2028). (24-10-2).	N/A Mod incorporated	
J-B7	Load meter (Pre Mod 6/2028). (24-11-2).	N/A Mod incorporated	

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CARD No. CI

Area:	Trade: **AIRFRAME**	MANHOURS: PREP: 0.3 HRS. TOTAL: 1.2 HRS.

CONSUMABLE ITEMS

ITEM	PART NO.	MANUFACTURER	CARD NO.
Fuel System			
Fuel system strainer (Pre Mod 6/1229) – Packing	MS29513-140		6, 7
Fuel system strainer (Mod 6/1229) – Element	52-01103-1	Aero Flow Dynamics	6, 7
– O-ring seal	MS29513-020		6, 7
– O-ring seal	MS29513-153		6, 7
Fuel system (Post Mod 6/2006, 6/2230) – Element Kit	1743645-02	Purolator/Facet	6, 7
Fuel pump Filter (inlet) – Screen	102-1541	Pesco Products	36, 37
– Packing	MS9388-22		36, 37
– Packing	MS9387-16		36, 37
Fuel pump Filter (outlet) – Filter	AN6235-3A		36, 37, 40, 41
– Packing	MS9387-28		36, 37, 40, 41
Wing tank inspection panel – O-ring	MS29513-349		6, 7
Wing tank filter – O-ring	MS29513-222	Aircraft Appliances and Equipment Ltd.	6, 7
Wing tank Filter –	711316	Aircraft Appliances and Equipment Ltd	6, 7
Fuel motive line check valve – Aluminum gasket	801346	Aircraft Appliances and Equipment Ltd.	10
Hydraulic System			
Hydraulic filter – Element	AN6235-1A	Aircraft Appliances and Equipment Ltd.	8
– O-ring seal	MS28775-214		8
Ice and Rain Protection			
Airframe Deicing, Water – Element	2487866	Bendix	11, 13, 14
Separator Filter – O-ring	645001RR236	Bendix	11, 13, 14
– O-ring	645001RR222	Bendix	11, 13, 14

CARD No. CI

Area:	Trade: **AIRFRAME**	MANHOURS: PREP: 0.3 HRS. TOTAL: 1.2 HRS.

CONSUMABLE ITEMS

ITEM	PART NO.	MANUFACTURER	CARD NO.
Pneumatic System			
Instrument pneumatic system (Engine – driven pump and bleed air, extended nose) – Filter	201442	Air Maze Corp	15
Instrument pneumatic system (Bleed air, short nose) – Filter	201442	Air Maze Corp	15
Autopilot pneumatic system – Filter	201442	Air Maze Corp	15
Power Plant			
Intake deflector air line – Filter	S4–19310–30	Western Filter	42, 43
Hot section inspection (–20) – Parts Kit	3011741	United Aircraft of Canada Ltd	HE
Hot section inspection (–27) – Parts Kit	3014698	United Aircraft of Canada Ltd	HE
Hot section inspection (–34) (Post SB 1488) – Parts Kit		United Aircraft of Canada Ltd	HE
Engine oil system – Filter (Post SB 1282)	3028419	United Aircraft of Canada Ltd	36, 37
– Filter (Post SB 1215)	3024084		36, 37
– Filter (Post SB 1118)	3022070		36, 37
– Filter (Pre SB 1118)	3010669		36, 37
– Filter (Post PT6A SPB No. 149)	3070976-01		36, 37
– Packing	MS9388-143		36, 37
– Packing	MS9388-224		36, 37
– Packing (Post SB 1118 only)	MS9388-120		36, 37
Spark Igniter – Gasket	3010880	United Aircraft of Canada Ltd	38, 39

CARD No. CALENDAR

A/C Registration No.	Date.
Area:	Trade:

Calendar items must be accomplished if the annual utilization is less than 875 flight hours. Card numbers in the left column indicate which card the item is listed on. These items must be performed at the twelve (12) month calendar interval and may be done with the applicable EMMA check if it coincides with the calendar interval.

Card No.	Item No.	**Item** **Every Twelve (12) Months** - C1700	Mech. Initial	Insp. Initial
9	6	SM3000 Aileron servo cables for fraying, kinks, flattening, proper attachment and security; turnbuckles for security, freedom of operation. Clamps for security and no evidence of movement on main flight control cable. (22-51).	C1700	
11	2	SM3000 Elevator and Rudder servo cables for fraying, kinks, flattening, proper attachment and security; turnbuckles for security, freedom of operation. Clamps for security and no evidence of movement on main flight control cable. (22-52, 22-53).	C1700	
11	5	KS 272A Pitch trim servo cable for fraying, kinks, flattening, proper attachment and security; turnbuckles for security, freedom of operation. Clamps for security and no evidence of movement on main flight control cable. (22-54).	C1700	
11	23	Power distribution and generator control box for condition and security; terminals, connectors and relays for condition and security, signs of overheat, arcing, torque of large terminal posts. Clean as required. Current limiters (Mod 6/1651) for condition and serviceability. (24-05).	C1700	
15	9	Elevator control quadrants for cleanliness, damage, corrosion and security; bearings for corrosion, cleanliness and security; stops for damage. (27-11).	C1700	
16	4b	Compass Swing (standby Compass). (34-8g-2).	CALM	

CARD No. CALENDAR

A/C Registration No.	Date.
Area:	Trade:

Card No.	Item No.	**Item** **Every Twelve (12) Months**	Mech. Initial	Insp. Initial
16	12	Rudder and elevator trim tab controls for full and free movement; security of attachment at rudder and elevator trim control console. (27-05-1).	C1700	
16	14	Flap position cable for corrosion, fraying, flattening and security of attachment; spring for condition, tension and security; indicator for smooth operation, dracon cable cord at window frame, small pulley locations for condition. (27-09f).	C1700	
16	23	SM3000 Aileron servo - Check bridle cable tensions. (22-51C).	C1700	
17	6	Fuel Manifold (Mod 6/2389) - Bonding clamp and terminal lug sealant for condition and integrity, peeling, cracking or evidence of corrosion. Inspect bonding jumpers for condition, security, integrity and corrosion. If damaged, replace component; re-apply sealant. (28-02-3).	C1700	
17	9	Main gear fairings for cracks, delamination and security; seals for tears, deterioration and security. (32-14-1).	C1700	
18	3	Flap/elevator interconnect trim tab and flap indicator cables for condition, fraying, corrosion, flattening and security of attachment; turnbuckles for security; pulleys for condition, security and freedom of operation. (27-10c-1).	C1700	
18	6	Rudder, elevator and aileron flight control cables (flight compartment to empennage) for fraying, corrosion, flattening, proper attachment and security; pulleys for condition and freedom of movement; pulley brackets and guides for condition and security; turnbuckles for security. **NOTE: In the event of early or abnormal cable wear at pulley(s), replace the worn cable(s) and the corresponding pulley(s).** (27-04-1).	C1700	

CARD No. CALENDAR

A/C Registration No.	Date.
Area:	Trade:

Card No.	Item No.	**Item** **Every Twelve (12) Months**	Mech. Initial	Insp. Initial
18	18	Rudder and elevator trim tab controls (flight compartment to empennage) for full and free movement; cables for fraying, kinks, flattening, proper attachment and security; turnbuckles for security; pulleys for freedom of operation; pulley brackets for condition and security. (27-05-1).	C1700	
18	22	Fuselage aileron, elevator and rudder flight control cables, flap to elevator interconnect tab cables, flap selector valve and follow up cables and all trim tab cables for tensions. (27-04-4, 27-05-2, 27-09c-2, 27-10c-2).	C1700	
18	33	SM3000 Elevator servo - Check bridle cable tensions. (22-52c).	C1700	
18	35	SM3000 Rudder servo - Check bridle cable tensions. (22-53c).	C1700	
18	38	KS 272A Pitch trim servo - Check bridle cable tensions. (22-54h).	C1700	
19	1	Elevator and rudder tab cables for fraying, kinks, flattening, corrosion and security of attachment. (27-04-1).	C1700	
20 and 21	11 10	Aileron flight control cables for fraying, corrosion, flattening, proper attachment and security; pulleys for condition and freedom of movement; pulley brackets and guides for condition and security. (27-04-1).	C1700	
22	19	Nose gear attachment fittings for corrosion and cracks. **NOTE: Preload bolt torque marks for proper alignment.** (32-08b).	C1700	
24	4	Landing gear stay struts for cracks, corrosion and security; main landing gear upper and lower fuselage attachment fittings for condition and security. (32-16, 32-18).	C1700	
25	2	Toilet unit, if installed, and surrounding structure for condition and security, evidence of corrosion. (25-02).	N/A	

CARD No. CALENDAR

A/C Registration No.	Date.
Area:	Trade:

Card No.	Item No.	**Item** **Every Twelve (12) Months**	Mech. Initial	Insp. Initial
26	1	Accessible internal structure of horizontal and vertical stabilizer for corrosion, cracks, buckling and security. (55-01b).	C1700	
26	5c	Horizontal stabilizer outboard hinge arm adapter plate (Pre and Post Mod 6/1799) for condition, if applicable. (55-02e).	C1700	
26	5f	Horizontal stabilizer leading edge skin for condition; dents scores and fasteners for security; and aft of deicing boots, if installed, for surface corrosion. (55-02g).	C1700	
26	7a	Rudder skin for condition, dents, scores, buckling; leading edge silicon aerodynamic seal for adhesion and security. (55-04a).	C1700	
26	7b	Rudder lower hinge arm (Pre Mod and Mod 6/1340) for condition; corrosion and bearing for wear. **NOTE: Refer to EMMA Card No.26-07b NOTE.** (55-04b).	C1700	
26	8a	Elevator skin for condition, dents, scores, buckling; leading edge silicon aerodynamic seal for adhesion and security. (55-05a-2).	C1700	
26	8d	Elevator outboard hinge arm (Pre Mod 6/1799) for condition, if applicable. (55-05h).	N/A Mod incorporated	
26	8g	Elevator torque tube for condition, corrosion and security of fasteners. (55-05d).	C1700	
27 and 28	1 1	Nose spar adapter D nose section for condition; corrosion and fasteners for security; leading edge skin for condition, corrosion and security; hinges for condition and smooth operation of D nose leading edge cover; stay bar for condition and security of stowage. (57-02).	C1700	
27 and 28	7 8	Internal structure of wing and nacelle, where accessible, for condition, cracks, buckling and corrosion. (54-01-2, 57-08).	C1700	

CARD No. CALENDAR

A/C Registration No.	Date.
Area:	Trade:

Card No.	Item No.	**Item** **Every Twelve (12) Months**	Mech. Initial	Insp. Initial
27 and 28	9 10	Aileron and flap bellcranks for corrosion and security; bearings for condition. Clean as required. (57-21).	C1700	
18	32	Pressure test coupler. (Mod SOO 6215, Mod 6/2049). **NOTE: Refer to PSM 1-64-2, Maintenance Manual.** (23-03h-3).	C1700	
20 and 21	14b 13b	Wing root rib/flap pushrod support rollers, lubricate inside of spacer and bolt. (27-14-a).	C1700	
TOTAL SIGN OFF				

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CARD No. MAND

MANDATORY INSPECTIONS

The following Airworthiness directives have been identified from EMMA Card Alert 1 and are now shown in a new card called "MAND" to advise operators of a number of Airworthiness Directives that may still apply to early aircraft. The card displays selected Directives in an abbreviated form with inspection references for specified inspection period shown. However, as the information is classified as advisory, operators should be aware that they still have the responsibility in obtaining a complete list of all Airworthiness Directives from their Local Regulatory Authority that has been issued against the DHC-6 Twin Otter aircraft to make sure that each aircraft record is accurate and complete.

DIRECTIVES	INSPECTIONS	REFERENCES
EVERY 100 FLIGHT HOURS		
CF-72-06 FAA 69-05-01 Service Bulletin No. 6/180 Parts A and B	Control column (Pre Mod 6/1433) for surface corrosion and cracks in vicinity of horizontal torque tube to vertical column. **NOTE 1: Inspect prior to next flight if aircraft subjected to high tail velocity gust winds.** **NOTE 2: Control columns must be modified to Mod 6/1433 standard prior to June 1, 1993 or later, if authorized by your Local Regulatory Authority.**	EMMA CARDS Card ALERT 1 Card SP2-C1 PSM1-6-7(IR) Basic Inspection Chapter 27-1-2
CF-73-06 FAA 73-19-06 FAA 93-10-08 Service Bulletin Nos. 6/298, 6/519	Flight compartment Overhead console Flap and Power/Propeller control (Pre Mod 6/1895) quadrants for cracks; quadrants also for condition and security; cable attachment for security with smooth movement over complete travel of operation. **NOTE: Mod 6/1895 aluminum material quadrants must be installed at all locations in the overhead console prior to January 1, 1997, or later, if authorized by your Local Regulatory Authority.**	EMMA CARDS Card ALERT 1 Card SP2-C2 PSM1-6-7(IR) Basic Inspection Chapter 27-11b Chapter 76-06

N/A Mod incorporated

N/A Mod incorporated

CARD No. MAND

DIRECTIVES	INSPECTIONS	REFERENCES
	EVERY 100 FLIGHT HOURS (CONT'D)	N/A
CF-79-02 FAA 79-14-01 Service Bulletin No. 6/379	Within 100 flight hours of the A.D. effective date February 15, 1979, inspect aft fuselage elevator pushrod quadrant to torque tube loose attach bolts (Pre Mod 6/1679). **NOTE 1: Positive retention by Mod 6/1679 must be adopted in all applicable aircraft within 800 flight hours from Airworthiness Directive effective date February 15, 1979, or later if authorized by your Local Regulatory Authority.** **NOTE 2: FAA requires compliance within 600 hours from A.D. effective date July 6, 1979.**	EMMA CARDS Card ALERT 1 Card 12-04 PSM 1-6-7 (IR) Basic Inspections: Chapter 27-11a
	EVERY 400 FLIGHT HOURS	
CF-72-06 FAA 89-24-06 Service Bulletin No. 6/511	Aft fuselage elevator quadrant and support bracket for indications of warping and buckling, including score marks, after previously carrying out dye penetrant inspection of the quadrant support bracket lugs for cracks. **NOTE 1: Inspect within 25 flight hours, if parked aircraft subjected to ground winds with mean velocity of 35 mph or greater. Mean wind speeds of 35 mph will generate wind gusts up to 65 mph.** **NOTE 2: FAA requires repetitive inspections every 200 hours.**	EMMA CARDS Card ALERT 1 Card 12-04 PSM 1-6-7 (IR) Basic Inspections: Chapter 27-11-a C0500
CF-84-03 Service Bulletin No. 6/453	Noseleg steering actuator (Pre Mod 6/1800) cables. Remove control column cover and inspect for condition, fraying, kinks, flattening, proper attachment and security, and pay particular attention for possible cable fraying, especially in the vicinity of the small diameter pulleys; pulleys for condition, free movement of operation and security; turnbuckles for security. Install control column cover.	EMMA CARDS Card ALERT 1 Card 08-07 PSM 1-6-7(IR) Basic Inspections: Chapter 32-04b N/A Mod incorporated

CARD No. MAND

DIRECTIVES	INSPECTIONS	REFERENCES
	EVERY 400 FLIGHT HOURS (CONT'D)	
FAA 80-13-11	Flight control (Pre Mods 6/1703, 6/1718, 6/1721, 6/1735 and 6/1734) 2024T3 material pushrods with sleeves installed for cracks. **NOTE: All 2024T3 material pushrods are to be replaced either by 2024T81 or 6061T6 material pushrods prior to May 31, 1993, or later, if authorized by your Local Regulatory Authority.**	EMMA CARDS N/A Mod incorporated Card ALERT 1 Card SP2-C3 & Card SP2-C5 PSM 1-6-7(IR) Basic Inspections: Chapter 27-13a
CF-81-07 FAA 80-13-12 Service Bulletin Nos. 6/386 and 6/509	Nacelle lower longerons, including longerons with strap (Mod 6/1655) incorporated, for condition, buckling, cracking, corrosion, and fasteners for security. At following locations: a. Engine mount fittings. b. DELETED c. Forward of and at intersection with wing. **CAUTION: INSPECTION APPLIES TO ALL AIRCRAFT CONFIGURATIONS AND MUST BE CARRIED OUT PRIOR TO NEXT FLIGHT, IF AIRCRAFT HAS ENCOUNTERED HARD LANDING CONDITION.**	EMMA CARDS Card ALERT 1 Card 40-14 Card 41-14 PSM 1-6-7 (IR) Basic Inspections: Chapter 54-03a Chapter 54-03c C0500
	EVERY 500 FLIGHT HOURS	
CF-85-12 FAA 94-04-01 Service Bulletin No. 6/476 and 6/500	Wing root rib (Pre Mod 6/1887 and EO69080) aluminum adapters for condition, cracks, corrosion and security. **NOTE: All aircraft must incorporate the steel material adapters prior to September 1, 1995, or later, if authorized by your Local Regulatory Authority.**	EMMA CARDS N/A Mod incorporated Card ALERT 1 Card 13-08 Card 14-08 PSM 1-6-7 (IR) Basic Inspections: Chapter 57-11
	EVERY 600 FLIGHT HOURS	
CF-82-21 FAA 81-10-11 Service Bulletin No. 6/399	Elevator (Pre Mod 6/1769) root rib and adjacent nose rib for cracks in vicinity of torque tube flange and torque tube nose rib web. Also cracks in root rib flanges. **NOTE: Elevator structure stiffening Mod 6/1769 must be incorporated by January 1, 1996, or 15000 airframe hours, whichever occurs first or later, if authorized by your Local Regulatory Authority.**	EMMA CARDS N/A Mod incorporated Card ALERT 1 Card SP2-E2 Card 12-07 PSM 1-6-7 (IR) Basic Inspections: Chapter 55-05c

CARD No. MAND

DIRECTIVES	INSPECTIONS	REFERENCES
	EVERY 800 FLIGHT HOURS CALM	
CF-79-22 FAA 80-03-08 Service Bulletin No. 6/388	Wing flap (Mod 6/1487) 2024T81 material pushrods with (Mod 6/1710 and 6/1714) sleeves incorporated for cracks. **OR** **1 YEAR WHICHEVER OCCURS FIRST**	EMMA CARDS Card ALERT 1 Card SP2-C4 Card 18-08 Card 20-10 Card 21-09 PSM 1-6-7 (IR) Basic Inspections: Chapter 27-13b
CF-80-03 FAA 80-13-11 Service Bulletin No. 6/390	Flight control (Mods 6/1486 to 6/1489 inclusive) 2024T81 material pushrods with (Mods 6/1703, 6/1718, 6/1721, 6/1734 and 6/1735) sleeves incorporated for cracks. **OR** **1 YEAR WHICHEVER OCCURS FIRST**	EMMA CARDS Card ALERT 1 Card SP2-C3 Card SP2-C5 Card SP2-C7 PSM 1-6-7 (IR) Basic Inspections: Chapter 27-13 Chapter 27-13a Chapter 27-13c
CF-92-04 FAA 86-15-08 Service Bulletin No. 6/475 6/513	Horizontal stabilizer (Pre Mods 6/1808 and 6/1809) fwd. and aft brackets for cracks. Also (Mods 6/1808 and 6/1809) retrofitted brackets with alternative fasteners (Mods 6/1855 and 6/1856) incorporated for loose fasteners and brackets. **NOTE: All Pre Mod and Mod 6/1808 and 6/1809 retrofitted brackets are to be replaced and installed by Mods 6/ 1890, 6/1891 and 6/1892 prior to March 9, 1994, or later, if authorized by your Local Regulatory Authority.**	EMMA CARDS N/A Mod incorporated Card ALERT 1 Card SP2-E3 PSM 1-6-7 (IR) Basic Inspections: Chapter 55-02a Chapter 55-02b
	EVERY 1200 FLIGHT HOURS	
CF-73-03 FAA 95-18-11 Service Bulletin No. 6/295	Wing rear spar cap (Pre Mod 6/1301) for condition, cracks, bush, and fasteners for security. **NOTE: Mod 6/1301 must be incorporated prior to January 1, 1996, or later if authorized by your Local Regulatory Authority.**	EMMA CARDS N/A Mod incorporated Card ALERT 1 Card SP2-D5 Card 27-19 Card 28-20 PSM 1-6-7 (IR) Basic Inspections: Chapter 57-10

CARD No. MAND

DIRECTIVES	INSPECTIONS	REFERENCES
	EVERY 1200 FLIGHT HOURS (CONT'D)	
CF-75-11 FAA 75-26-07 Service Bulletin No. 6/338 No. 6/353	Electrical fire condition in the power distribution and generator control box due to Reverse Current Relay contact welding. (Pre Mod 6/1585). **CAUTION: A CROSS GENERATOR ENGINE START PROCEDURE NECESSITATES RELAY OVERHAUL.**	EMMA CARDS Card ALERT 1 Card CT-C-B1 PSM 1-6-7 (IR) Basic Inspections: Chapter 24-05a(1) N/A Mod incorporated
CF-83-11 FAA 83-18-03 Service Bulletin No. 6/421	Horizontal stabilizer outboard hinge arm adapter plate and hinge arm (Pre Mod 6/1799) for condition, fretting and cracking. **NOTE: Mod 6/1799 must be incorporated prior to December 31, 1994 or later if authorized by your Local Regulatory Authority.**	EMMA CARDS Card ALERT 1 Card SP2-E5 PSM 1-6-7 (IR) Basic Inspections: Chapter 55-02e-1 N/A Mod incorporated
CF-92-05 FAA 94-14-22 Service Bulletin No. 6/512	Horizontal stabilizer center (Elevator) hinge arm for flange cracks.	EMMA CARDS Card ALERT 1 Card SP2-E4 PSM 1-6-7 (IR) Basic Inspections: Chapter 55-02d CALM
DELETED		
CF-78-17 FAA 78-26-02 replaced by 97-23-09 Service Bulletin No. 6/371	Fuselage (Pre Mods 6/1461 and 6/1462) side frames at Stations 218.00 and 219.00 for stress corrosion cracks. **NOTE 1: If cracking is evident and does not exceed limits given in S/B 6/371, repeat inspections every 600 hours until Mods incorporated.** **NOTE 2: FAA requires inspections every 600 hours in all conditions.**	EMMA CARDS Card ALERT 1 Card SP2-F1 PSM 1-6-7 (IR) Basic Inspections: Chapter 53-13 N/A Mod incorporated
	EVERY 1500 FLIGHT HOURS N/A	
CF-75-11 FAA 75-26-07 Service Bulletin No. 6/338 No. 6/353	Electrical Fire condition in the power distribution and generator control box due to Reverse Current Relay contact welding. (Post Mod 6/1585). **CAUTION: A CROSS GENERATOR ENGINE START PROCEDURE NECESSITATES RELAY OVERHAUL.**	EMMA CARDS Card ALERT 1 Card CT-D-B4 PSM 1-6-7 (IR) Basic Inspections: Chapter 24-05b(1)

CARD No. MAND

DIRECTIVES	INSPECTIONS	REFERENCES
	EVERY 2400 FLIGHT HOURS CALM	
CF-79-22 FAA 80-03-08 Service Bulletin No. 6/502	Wing flap (Mod 6/1781) 6061 material pushrods with magnaformed sleeves for condition. **OR** **2 YEARS WHICHEVER OCCURS FIRST**	EMMA CARDS Card ALERT 1 Card SP2-C7 Card 33-08 Card 34-01 Card 35-01 PSM 1-6-7 (IR) Basic Inspections: Chapter 27-13c
CF-80-03 FAA 80-13-11 Service Bulletin No. 6/502	Flight control (Mods 6/1785, 6/1791, 6/1792 and 6/1802) 6061 material pushrods with magnaformed sleeves for condition. **OR** **2 YEARS WHICHEVER OCCURS FIRST**	EMMA CARDS Card ALERT 1 Card SP2-C7 PSM 1-6-7 (IR) Basic Inspections: Chapter 27-13c
CF-75-11 FAA 75-26-07 Service Bulletin No. 6/338 No. 6/353	Reverse current relay (Pre Mod 6/1585); remove for bench test and install serviceable unit.	EMMA CARDS N/A Mod incorporated Card CT-F-B3 PSM 1-6-7 (IR) Basic Inspections: Chapter 24-05a-2
	EVERY 3000 FLIGHT HOURS OR FIVE YEARS N/A	
CF-75-11 FAA 75-26-07 Service Bulletin No. 6/338 No. 6/353	Reverse current relay (Post Mod 6/1585); remove for bench test and install serviceable unit.	EMMA CARDS Card CT-G-B1 PSM 1-6-7 (IR) Basic Inspections: Chapter 24-05b-2
	EVERY 6000 FLIGHT HOURS OR FIVE YEARS CALM	
CF-87-02 FAA 94-08-10 Service Bulletin No. 6/492	Wing main spar lower forward and aft cap angles for corrosion.	EMMA CARDS Card ALERT 1 Card SP2-D11 PSM 1-6-7 (IR) Basic Inspections: Chapter 57-12

CARD No. MAND

DIRECTIVES	INSPECTIONS	REFERENCES
EVERY 6000 FLIGHT HOURS OR FIVE YEARS (CONT"D)		N/A BY P/N
CF-85-14 FAA 87-04-23 Service Bulletin No. 6/474	Wing strut beam flange corrosion.	EMMA CARDS Card ALERT 1 Card SP2-D12 PSM 1-6-7 (IR) Basic Inspections: Chapter 57-04b
DELETED		

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AIRCRAFT CORROSION CARD No. CORR

AREA:	TRADE:	MANHOURS: PREP:
EXTERNAL and INTERNAL	AIRFRAME	TOTAL:

An equalized corrosion inspection program to fulfill PSM 1-6-5, Part 3, Corrosion Manual requirements over a 5 year period. The equalized inspection should commence after the aircraft has previously undergone the initial 5 year corrosion inspection specified in Transport Canada Airworthiness Directive CF-94-12 when approval has been received from your Local Regulatory Authority. The periods of inspection are based on a typical annual operation of 1200 flight hours accumulating 6000 flight hours over a 5 year period. The five yearly EMMA Cards identify the inspections for that particular year.

CORROSION INDEX

Corrosion Task	Description	Airworthiness Directives and Service Bulletins	Inspection Access	Access Time and Reinstall (mins)	Inspect Time (mins)	Total Time (mins)	Inspection Year
28-00	**FUEL GALLERY**						
C28-00-00	Fuel structure, piping, booster pumps, fuel strainer, crossfeed valve, sump plates and electrical wiring and connections.		Remove panel F13, F14 and F17				1
32-10	**MAINLEG**						
C32-10-01	Main landing gear leg upper platen.		Remove fairing, and panels F4, F5, F8, F9, F18 and F20				1
C32-10-02	Main landing gear leg upper platen links.	S/B 6/226, A/C 1 to 311					1
C32-10-03	Main landing gear leg lower platen.						1
C32-10-04	Main landing gear leg rebound block base plates.						1
C32-10-05	Main landing gear leg axle.		Jack aircraft remove wheel				1
32-15	**FLOAT**						
C32-15-01	Float installation - Front spreader bar, tie rod lugs, tie rod, vertical strut and hardware.		Beach aircraft In situ				1, 2, 3, 4 and 5

AIRCRAFT CORROSION CARD No. CORR

Corrosion Task	Description	Airworthiness Directives and Service Bulletins	Inspection Access	Access Time and Reinstall (mins)	Inspect Time (mins)	Total Time (mins)	Inspection Year
32-15	**FLOAT (CONT'D)**						
C32-15-02	Float installation - Top front strut bracket, front strut and hardware.		When beached In situ				1, 2, 3, 4 and 5
C32-15-03	Float installation - Bottom front strut lug, front strut and hardware.		When beached In situ				1, 2, 3, 4 and 5
C32-15-04	Float installation - Rear spreader bar, support strut bracket, rear support struts, swivel end fittings, main leg pivot lug and hardware.		When beached In situ				1, 2, 3, 4 and 5
C32-15-05	Float installation - Main strut, drag strut, fuselage lug, wing strut attachment and hardware.		Remove fairing F4, F5, F8 and F9, remove strut fairings				1, 2, 3, 4 and 5
C32-15-06	Float installation - Main strut, drag strut and hardware at float.		Remove strut fairings panel				1, 2, 3, 4 and 5
C32-15-07	Float installation - Internal and external structure areas.		Remove panels and internal bulkhead panels				1, 2, 3, 4 and 5
32–20	**NOSELEG**						
C32-20-01	Noseleg upper and lower torque links.		In situ				1

AIRCRAFT CORROSION CARD No. CORR

Corrosion Task	Description	Airworthiness Directives and Service Bulletins	Inspection Access	Access Time and Reinstall (mins)	Inspect Time (mins)	Total Time (mins)	Inspection Year
32–20	**NOSELEG (CONT'D)**						
C32–20–02	Noseleg steering actuator lever.		Open F1 or F2 door and remove avionic shields				1
C32–20–03	Noseleg cylinder lower bearing assembly.		During overhaul				1
C32–20–04	Noseleg fork where locknut bears against lower surface of fork.		During overhaul				1
52–00	**DOOR**						
C52–00–01	Airstair door outer skin, adjacent to hinge.		In situ				1
C52–00–02	Airstair door hinge.		Lower door				1
C52–00–03	Cabin door RH, upper and lower hinges.		In situ Open doors				1
C52–00–04	Nose baggage compartment door hinge.		In situ Open F1 nose cap or F2 door				1
53–11	**FUSELAGE FORWARD**						
C53–11–01	Noseleg lower attachment adapter fitting, Station 60.		In situ				5
C53–11–02	Noseleg upper mounting block, Station 60.		Open panels F3 and F10				5
C53–11–03	Pilot door hinge, upper and lower attachment plates, station 73.		In situ				5

AIRCRAFT CORROSION CARD No. CORR

Corrosion Task	Description	Airworthiness Directives and Service Bulletins	Inspection Access	Access Time and Reinstall (mins)	Inspect Time (mins)	Total Time (mins)	Inspection Year
53–11	**FUSELAGE FORWARD (CONT'D)**						
C53–11–04	Co-pilot door hinge, upper and lower attachment plates, Station 73.		In situ				5
C53–11–05	Nose Attachment, exterior aluminum joint straps and fasteners common to the nose, station 44.		In situ				5
C53–11–06	Battery tray structure, interior surface of nose luggage compartment near battery tray, fasteners and hardware securing battery tray. (If installed)		Open nose luggage door				5
53–12	**FUSELAGE CENTER**						
C53–12–01	Lower frame assembly, main landing gear attach, station 219.		Remove panels F4, F5, F8 and F9				5
C53–12–02	Fuselage side frames at Stations 218 and 219.	T.C. CF–78–17 FAA 78–26–02	Remove cabin dado side panels				5
C53–12–03	Upper fwd spar beam, Station 200, and adapters, wing pickup, Station 200.		Remove ceiling panel and wing top center panel				5
C53–12–04	Frame assembly, lower, main landing gear attach, Station 239.		Remove panels F5 and F8				5
C53–12–05	Frames ("hockey stick") Station 239, wing attach.		Remove wing top center panel				5

AIRCRAFT CORROSION CARD No. CORR

Corrosion Task	Description	Airworthiness Directives and Service Bulletins	Inspection Access	Access Time and Reinstall (mins)	Inspect Time (mins)	Total Time (mins)	Inspection Year
53–12	**FUSELAGE CENTER (CONT'D)**						
C53–12–06	Top skin sandwich panels, center fuselage, from station 111 to Station 190.		In situ Access upper fuselage surface				5
C53-12-07	Aft cabin doors, LH and RH, hinge attach plates, upper and lower.		In situ Open door				5
C53-12-08	Airstair door hinge plate.		In situ Lower door				5
C53-12-09	Cabin floor rails.		Remove or stow cabin seats and lift floor boards after de-riveting board side angles				5
C53-12-10	Cabin floor boards.		When above				5
C53-12-11	Fuselage structure, Station 111 to Station 376, shell interior and exterior skins, stringers and frames.		Remove cabin dado side panels, fuel liners and fuel cells				5
53-13	**FUSELAGE REAR**						
C53-13-01	Aft LH baggage door hinge attach plates.		In situ Open door F6				5
C53-13-02	Rear baggage compartment door hinge.		In situ Open door F6				5

AIRCRAFT CORROSION CARD No. CORR

Corrosion Task	Description	Airworthiness Directives and Service Bulletins	Inspection Access	Access Time and Reinstall (mins)	Inspect Time (mins)	Total Time (mins)	Inspection Year
53-13	**FUSELAGE REAR (CONT'D)**						
C53-13-03	Rear baggage compartment door sill.		In situ Open door F6				5
C53-13-04	Rear fuselage lower bulkhead, Station 376.		Open door F6 and remove rear floor panel				5
C53-13-05	Battery bay, lower structure.		Open door F6 and remove fwd floor panel				5
53-14	**FUSELAGE AFT**						
C53-14-01	Aft fuselage to fin attach adapter plates. **NOTE 1: If Pre Mod 1843 to 1846, remove horiz/vert stabilizer/ aft fuse top rib.** **NOTE 2: If Post Mod 1843 to 1846, inspect where accessible.**	S/B 6/454 N/A Mod incorporated N/A Mod incorporated	See Notes 1 and 2				4
C53-14-02	Rudder hinge tubular attach support structure.		Remove fairings T3, T4 and T14				4
54-00	**NACELLE**						
C54-00-01	Forward frame engine mount plates and engine mount adapters.		Lower engine cowling W7 or W21, remove cowling W29 or W33				4

AIRCRAFT CORROSION CARD No. CORR

Corrosion Task	Description	Airworthiness Directives and Service Bulletins	Inspection Access	Access Time and Reinstall (mins)	Inspect Time (mins)	Total Time (mins)	Inspection Year
54-00	**NACELLE (CONT'D)**						
C54-00-02	Nacelle skin exhaust path and nacelle drag angles.		In situ				4
55-10	**HORIZONTAL STABILIZER**						
C55-10-01	Horizontal Stabilizer/Elevator adapter plate inboard.		In situ				4
C55-10-02	Horizontal Stabilizer/Elevator adapter plate outboard.		In situ				4
C55-10-03	Elevator center hinge arm.	T.C. CF-92-05 FAA 94-14-22	Remove fairings T2 and T15				4
C55-10-04	Tailplane front and rear mounting brackets.	T.C. CF-92-04 T.C. CF-85-10 FAA 83-26-05	Disassembly of Empennage units is recommended				4
55-20	**ELEVATOR**						
C55-20-01	Inboard attach adapter fitting.		In situ				4
C55-20-02	Outboard attach adapter fitting.		In situ				4
C55-20-03	Trim tab hinge.		In situ				4
C55-20-04	Flap/Elevator interconnect tab hinge.		In situ				4
C55-20-05	RH and LH inboard hinge arms.		In situ				4
C55-20-06	RH and LH outboard hinge arms.		In situ				4

AIRCRAFT CORROSION CARD No. CORR

Corrosion Task	Description	Airworthiness Directives and Service Bulletins	Inspection Access	Access Time and Reinstall (mins)	Inspect Time (mins)	Total Time (mins)	Inspection Year
55-30	**VERTICAL STABILIZER**						
C55-30-01	Rudder mid hinge attach plate.		Remove Rudder				4
C55-30-02	Rudder top hinge attach plate.		Remove Rudder				4
C55-30-03	Fin front and rear spar adapter fittings. **NOTE 1: If Pre Mod 1841 and 1842, remove horiz/vert stabilizer/ aft fuse top rib.** **NOTE 2: If Post Mod 1841 and 1842, inspect where accessible.**		See Notes 1 and 2				4
55-40	**RUDDER**						
C55-40-01	Lower hinge arm.		Remove panels T3 and T4				4
C55-40-02	Mid hinge bracket.		In situ				4
C55-40-03	Upper hinge bracket.		In situ				4
C55-40-04	Upper trim tab hinge.		In situ				4
C55-40-05	Lower trim tab hinge.		In situ				4
57-10	**WINGS**						
C57-10-01 L/H and R/H	Top skins adjacent to nacelle, ribs 5 to 9.		In situ Access upper wing surface				1, 2, 3, 4 and 5

N/A Mod incorporated

AIRCRAFT CORROSION CARD No. CORR

Corrosion Task	Description	Airworthiness Directives and Service Bulletins	Inspection Access	Access Time and Reinstall (mins)	Inspect Time (mins)	Total Time (mins)	Inspection Year
57-10	**WINGS (CONT'D)**						
C57-10-02 L/H and R/H	Lower skins adjacent to nacelle, ribs 5 to 9.		In situ				1, 2, 3, 4 and 5
C57-10-03	Rear spar cap attachment adapters.	T.C. CF-73-03 FAA 95-18-11 amdt 39- 9358 S/B 6/295	Remove wing top center fairing				2 3
C57-10-04	Forward attachment adapters.	T.C. CF-85-12 FAA 85-16-10 FAA 94-04-01	Remove wing top center fairing				2 3
C57-10-05	'D' nose door assembly and hinge.		Remove panels W2 or W16				2 3
C57-10-06	Leading edge skin outboard of nacelle.		In situ				2 3
C57-10-07	Hinge arm Station 97.5.		In situ Remove shroud access panel				2 3
C57-10-08	Hinge arm adapters Stations 97.5, 172.5, 247.5 and 310.		In situ Remove shroud access panel				2 3
C57-10-09	Hinge arm Station 172.5.		In situ Remove shroud access panel				2 3

AIRCRAFT CORROSION CARD No. CORR

Corrosion Task	Description	Airworthiness Directives and Service Bulletins	Inspection Access	Access Time and Reinstall (mins)	Inspect Time (mins)	Total Time (mins)	Inspection Year
57-10	**WINGS (CONT'D)**						
C57-10-10	Hinge arm Station 247.5.		In situ Remove shroud access panel				2 3
C57-10-11	Hinge arm Station 310.		In situ Remove shroud access panel				2 3
C57-10-12	Hinge arm Station 376.25.		In situ Remove wing tip fairing				2 3
C57-10-13	Main spar lower forward and aft cap angles.	T.C. CF-87-02 FAA 88-13-11 FAA 94-08-10	Access through wing lower skin inspection holes				2 3
C57-10-14	Main spar wing strut attachment lug.		Remove fairings W5 and W6 or W19 and W20				2 3
C57-10-15	Main spar splice plate Station 152.8.		Access through wing lower skin inspection holes				2 3

AIRCRAFT CORROSION CARD No. CORR

Corrosion Task	Description	Airworthiness Directives and Service Bulletins	Inspection Access	Access Time and Reinstall (mins)	Inspect Time (mins)	Total Time (mins)	Inspection Year
57-10	**WINGS (CONT'D)**						
C57-10-16	Rivets attaching ribs to upper skin corrugation.		Access through wing lower skin inspection holes				2 3
C57-10-17	Pre Mod 6/1117 wing-spar, strut-lug, fastener holes. N/A Mod incorporated	1/100/200	High frequency eddy current. See PSM 1-6-7, PART 3				4
C57-10-18	Adapter assy – front spar-wing.	A.D. CF–2007–31	Access through wing lower skin inspection holes (Refer to SB 6/541)				2 3
57-40	**WING STRUT**						
C57-40-01	Wing strut beam.	T.C. CF-85-14 FAA 87-04-23	Remove fairings F5 or F8, W5 and W6 or W19 and W20				4
C57-40-02	Strut links.		Remove fairings W6 or W20				4

AIRCRAFT CORROSION CARD No. CORR

Corrosion Task	Description	Airworthiness Directives and Service Bulletins	Inspection Access	Access Time and Reinstall (mins)	Inspect Time (mins)	Total Time (mins)	Inspection Year
57-51	**INBOARD FOREFLAP**						
C57-51-01	Inboard hinge arm Station 34.5.		Lower Flaps				2 3
C57-51-02	Mid hinge arm Station 97.5.		When lowered				2 3
C57-51-03	Outboard hinge arm Station 172.58.		When lowered				2 3
C57-51-04	Pushrod attach fitting Station 97.5.		When lowered				2 3
57-52	**OUTBOARD FOREFLAP**						
C57-52-01	Inboard hinge arm Station 173.5.		When lowered				2 3
C57-52-02	Inboard center hinge arm Station 247.11.		When lowered				2 3
C57-52-03	Outboard center hinge arm Station 310.		When lowered				2 3
C57-52-04	Outboard hinge arm Station 376.2.		When lowered				2 3
C57-52-05	Pushrod attach fitting Station 247.11.		When lowered				2 3
57-53	**TRAILING FLAP**						
C57-53-01	Inboard hinge end arm.		When lowered				2 3
C57-53-02	Center hinge arm.		When lowered				2 3
C57-53-03	Outboard hinge end arm.		When lowered				2 3
57-54	**AILERON**						
C57-54-01	Inboard hinge arm station 172.5.		When lowered				2 3
C57-54-02	Inboard center hinge arm Station 247.11.		When lowered				2 3
C57-54-03	Outboard center hinge arm Station 310.		When lowered				2 3
C57-54-04	Outboard hinge arm Station 376.2.		When lowered				2 3

AIRCRAFT CORROSION CARD No. CORR

Corrosion Task	Description	Airworthiness Directives and Service Bulletins	Inspection Access	Access Time and Reinstall (mins)	Inspect Time (mins)	Total Time (mins)	Inspection Year
57-54	**AILERON (CONT'D)**						
C57-54-05	Balance weight location channel ('D' nose).	S/B 6/507	When lowered remove leading edge and weight				2 3
C57-54-06	Trim tab hinge arm.		When lowered				2 3
C57-54-07	Trim tab hinge.		When lowered				2 3
C57-54-08	Gear tab hinge.		When lowered				2 3

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CORROSION PROGRAM

CARD No. Year 1 of 5

AREA: Fuel Gallery, Doors Main and Nose Legs	**DATE:**	**INSPECTION MANHOURS:** Prep: Total:

NOTE: Apply Corrosion Inhibiting Compound as necessary.

Item	Description	Access	Type of Inspection	Mech. Initial	Insp. Initial
28-00	**FUEL GALLERY**				
C28-00-00	Fuel structure, piping, booster, pumps, fuel strainer, crossfeed valve, sump plates and electrical wiring and connection.	Remove panels F13, F14 and F17	Detailed Visual		
32-10	**MAIN LEG**				
C32-10-01	Main landing gear leg upper platen.	Remove fairing, and panels F4, F5, F8, F9, F18 and F20	Detailed Visual		
C32-10-02	Main landing gear leg upper platen links.	As Above	Detailed Visual		
C32-10-03	Main landing gear leg lower platen.	As Above	Detailed Visual		
C32-10-04	Main landing gear leg rebound block base plates.	As Above	Detailed Visual		
C32-10-05	Main landing gear leg axle.	Jack Aircraft Remove wheel	Detailed Visual		
32-15	**FLOAT (IF INSTALLED)**				
C32-15-01	Float installation - Front spreader bar, tie rod lugs, tie rod, vertical strut and hardware.	Beach Aircraft In situ	Detailed Visual		
C32-15-02	Float installation - Top front strut bracket, front strut and hardware.	When beached In situ	Detailed Visual		
C32-15-03	Float installation - Bottom front strut lug, front strut and hardware.	When beached In situ	Detailed Visual		
C32-15-04	Float installation - Rear spreader bar, support strut bracket, rear support struts, swivet end fittings, main leg pivot lug and hardware.	When beached In situ	Detailed Visual		

CARD No. Year 1 of 5

Item	Description	Access	Type of Inspection	Mech. Initial	Insp. Initial
32-15	**FLOAT (IF INSTALLED) (CONT'D)**				
C32-15-05	Float installation - Main strut, drag strut, fuselage lug, wing strut attachment and hardware.	Remove fairing F4, F5. F8 and F9 Remove strut fairings	Detailed Visual		
C32-15-06	Float installation - Main strut, drag strut and hardware at float.	Remove strut fairings panel	Detailed Visual		
C32-15-07	Float installation - Internal and external structure areas.	Remove panels and internal bulkhead panels	Detailed Visual		
32-20	**NOSELEG**				
C32-20-01	Noseleg upper and lower torque links.	In situ	Detailed Visual		
C32-20-02	Noseleg steering actuator lever.	Open F1 or F2 door and remove avionics shield	Detailed Visual		
C32-20-03	Noseleg cylinder lower bearing assembly.	During overhaul	Detailed Visual		
C32-20-04	Noseleg fork where locknut bears against lower surface of fork.	During overhaul	Detailed Visual		
52-00	**DOOR**				
C52-00-01	Airstair door outer skin, adjacent to hinge.	In situ	Detailed Visual		
C52-00-02	Airstair door hinge.	Lower door	Detailed Visual		
C52-00-03	Cabin door RH, upper and lower hinges.	In situ Open doors	Detailed Visual		
C52-00-04	Nose baggage compartment door hinge.	In situ Open F1 nose cap or F2 door	Detailed Visual		
DELETED					
57-00	**WING**				
C57-10-01 Right Hand	Top skins adjacent to nacelle, rib 5 to rib 9.	In situ Access upper wing surface	Detailed (Rivet lines) and General Visual		

CARD No. Year 1 of 5

Item	Description	Access	Type of Inspection	Mech. Initial	Insp. Initial
57-00	**WING (CONT'D)**				
C57-10-02 Right Hand	Lower skins adjacent to nacelle, ribs 5 to 9.	In situ	Detailed (Rivet lines) and General Visual		
C57-10-01 Left Hand	Top skins adjacent to nacelle, rib 5 to rib 9.	In situ Access upper wing surface	Detailed (Rivet lines) and General Visual		
C57-10-02 Left Hand	Lower skins adjacent to nacelle, rib 5 to 9.	In situ	Detailed (Rivet lines) and General Visual		

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CORROSION PROGRAM

CARD No. Year 2 of 5

AREA: Left Hand Wing, Flaps and Ailerons	**DATE:**	**INSPECTION MANHOURS:** Prep: Total:

NOTE: Apply Corrosion Inhibiting Compound as necessary.

Item	Description	Access	Type of Inspection	Mech. Initial	Insp. Initial
57–00	**WING**				
C57–10–01 Right Hand	Top skins adjacent to nacelle, rib 5 to rib 9.	In situ Access upper wing surface	Detailed (Rivet lines) and General Visual		
C57–10–02 Right Hand	Lower skins adjacent to nacelle, ribs 5 to 9.	In situ	Detailed (Rivet lines) and General Visual		
C57–10–01 Left Hand	Top skins adjacent to nacelle, rib 5 to rib 9.	In situ Access upper wing surface	Detailed (Rivet lines) and General Visual		
C57–10–02 Left Hand	Lower skins adjacent to nacelle, ribs 5 to 9.	In situ	Detailed (Rivet lines) and General Visual		
C57–10–03	Rear spar cap attachment adapters.	Remove wing top center fairing	Detailed and General (Internal) and Detailed (External) Visual		
C57–10–04	Forward attachment adapters.	Remove wing top center fairing	Detailed Visual		
C57–10–05	'D' nose door assembly and hinge.	Remove panels W2 or W16	General Visual		
C57–10–06	Leading edge skins outboard of nacelle.	In situ	General Visual		
C57–10–07	Hinge arm Station 97.5.	In situ Remove shroud access panel	Detailed Visual		

CARD No. Year 2 of 5

Item	Description	Access	Type of Inspection	Mech. Initial	Insp. Initial
57–00	**WING (CONT'D)**				
C57–10–08	Hinge arm adapters Stations 97.5, 172.5, 247.5 and 310.	In situ Remove shroud access panel	Detailed Visual		
C57–10–09	Hinge arm Station 172.5.	In situ Remove shroud access panel	Detailed Visual		
C57–10–10	Hinge arm Station 247.5.	In situ Remove shroud access panel	Detailed Visual		
C57–10–11	Hinge arm Station 310.	In situ Remove shroud access panel	Detailed Visual		
C57–10–12	Hinge arm Station 376.25.	In situ Remove wing tip fairing	Detailed Visual		
C57–10–13	Main spar lower forward and aft cap angles.	Access through wing lower skin inspection holes	Detailed Visual		
C57–10–14	Main spar wing strut attachment lug.	Remove fairings W5 and W6 or W19 and W20	Detailed Visual		
C57–10–15	Main spar splice plate Station 152.8.	Access through wing lower skin inspection holes	Detailed Visual		
C57–10–16	Rivets attaching ribs to upper skin corrugation.	Access through wing lower skin inspection holes	General Visual		
C57–10–18	Adapter assy – front spar-wing.	Access through wing lower skin inspection holes	General Visual		
57–51	**INBOARD FOREFLAP**				
C57–51–01	Inboard hinge arm Station 34.5.	Lower Flaps	Detailed Visual		
C57–51–02	Mid hinge arm Station 97.5.	In situ when lowered	Detailed Visual		
C57–51–03	Outboard hinge arm Station 172.58.	In situ when lowered	Detailed Visual		
C57–51–04	Pushrod attach fitting Station 97.5.	In situ when lowered	Detailed Visual		

CARD No. Year 2 of 5

Item	Description	Access	Type of Inspection	Mech. Initial	Insp. Initial
57–52	**OUTBOARD FOREFLAP**				
C57–52–01	Inboard hinge arm Station 173.5.	In situ when lowered	Detailed Visual		
C57–52–02	Inboard center hinge arm Station 247.11.	In situ when lowered	Detailed Visual		
C57–52–03	Outboard center hinge arm Station 310.	In situ when lowered	Detailed Visual		
C57–52–04	Outboard hinge arm Station 376.2	In situ when lowered	Detailed Visual		
C57–52–05	Pushrod attach fitting Station 247.11.	In situ when lowered	Detailed Visual		
57–53	**TRAILING FLAP**				
C57–53–01	Inboard hinge end arm.	In situ when lowered	Detailed Visual		
C57–53–02	Center hinge arm.	In situ when lowered	Detailed Visual		
C57–53–03	Outboard hinge end arm.	In situ when lowered	Detailed Visual		
57–54	**AILERON**				
C57–54–01	Inboard hinge arm Station 172.5.	In situ when lowered	Detailed Visual		
C57–54–02	Inboard center hinge arm Station 247.11.	In situ when lowered	Detailed Visual		
C57–54–03	Outboard center hinge arm Station 310.	In situ when lowered	Detailed Visual		
C57–54–04	Outboard hinge arm Station 376.2.	In situ when lowered	Detailed Visual		
C57–54–05	Balance weight location channel (‘D’ nose).	When lowered remove leading edge and weight	Detailed Visual		
C57–54–06	Trim tab hinge arm.	In situ when lowered	Detailed Visual		
C57–54–07	Trim tab hinge.	In situ when lowered	Detailed Visual		
C57–54–08	Gear tab hinge.	In situ when lowered	Detailed Visual		

CARD No. Year 2 of 5

Item	Description	Access	Type of Inspection	Mech. Initial	Insp. Initial
32–15	**FLOAT (IF INSTALLED)**				
C32–15–01	Float installation – Front spreader bar, tie rod lugs, tie bar, vertical strut and hardware.	Beach aircraft In situ	Detailed Visual		
C32–15–02	Float Installation – Top front strut bracket, front strut and hardware.	When beached In situ	Detailed Visual		
C32–15–03	Float Installation – Bottom front strut lug, front strut and hardware.	When beached In situ	Detailed Visual		
C32–15–04	Float installation – Rear spreader bar, support strut bracket, rear support struts, swivel end fittings, main leg pivot lug and hardware.	When beached In situ	Detailed Visual		
C32–15–05	Float installation – Main Strut, drag strut, fuselage lug, wing strut attachment and hardware.	Remove fairing F4, F5, F8 and F9 Remove strut fairings	Detailed Visual		
C32–15–06	Float installation – Main strut, drag strut and hardware at float.	Remove strut fairings panel	Detailed Visual		
C32–15–07	Float installation – Internal and external structure areas.	Remove panels and internal bulkhead panels	Detailed Visual		
TOTAL SIGN OFF					

CORROSION PROGRAM

CARD No. Year 3 of 5

AREA: Right Hand Wing, Flaps and Ailerons	**DATE:**	**INSPECTION MANHOURS:** Prep: Total:

NOTE: Apply Corrosion Inhibiting Compound as necessary.

Item	Description	Access	Type of Inspection	Mech. Initial	Insp. Initial
57–00	**WING**				
C57–10–01 Right Hand	Top skins adjacent to nacelle, rib 5 to rib 9.	In situ Access upper wing surface	Detailed (Rivet lines) and General Visual		
C57–10–02 Right Hand	Lower skins adjacent to nacelle, ribs 5 to 9.	In situ	Detailed (Rivet lines) and General Visual		
C57–10–01 Left Hand	Top skins adjacent to nacelle, rib 5 to rib 9.	In situ Access upper wing surface	Detailed (Rivet lines) and General Visual		
C57–10–02 Left Hand	Lower skins adjacent to nacelle, ribs 5 to 9.	In situ	Detailed (Rivet lines) and General Visual		
C57–10–03	Rear spar cap attachment adapters.	Remove wing top center fairing	Detailed and General (Internal) and Detailed (External) Visual		
C57–10–04	Forward attachment adapters.	Remove wing top center fairing	Detailed Visual		
C57–10–05	‘D’ nose door assembly and hinge.	Remove panels W2 or W16	General Visual		
C57–10–06	Leading edge skins outboard of nacelle.	In situ	General Visual		
C57–10–07	Hinge arm Station 97.5.	In situ Remove shroud access panel	Detailed Visual		

CARD No. Year 3 of 5

Item	Description	Access	Type of Inspection	Mech. Initial	Insp. Initial
57–00	**WING (CONT'D)**				
C57–10–08	Hinge arm adapters Stations 97.5, 172.5, 247.5 and 310.	In situ Remove shroud access panel	Detailed Visual		
C57–10–09	Hinge arm Station 172.5.	In situ Remove shroud access panel	Detailed Visual		
C57–10–10	Hinge arm Station 247.5.	In situ Remove shroud access panel	Detailed Visual		
C57–10–11	Hinge arm Station 310.	In situ Remove shroud access panel	Detailed Visual		
C57–10–12	Hinge arm Station 376.25.	In situ Remove wing tip fairing	Detailed Visual		
C57–10–13	Main spar lower forward and aft cap angles.	Access through wing lower skin inspection holes	Detailed Visual		
C57–10–14	Main spar wing strut attachment lug.	Remove fairings W5 and W6 or W19 and W20	Detailed Visual		
C57–10–15	Main spar splice plate station 152.8.	Access through wing lower skin inspection holes	Detailed Visual		
C57–10–16	Rivets attaching ribs to upper skin corrugation.	Access through wing lower skin inspection holes	General Visual		
C57–10–18	Adapter assy – front spar-wing.	Access through wing lower skin inspection holes	Detailed Visual		
57–51	**INBOARD FOREFLAP**				
C57–51–01	Inboard hinge arm Station 34.5.	Lower Flaps	Detailed Visual		
C57–51–02	Mid hinge arm Station 97.5.	In situ when lowered	Detailed Visual		
C57–51–03	Outboard hinge arm Station 172.58.	In situ when lowered	Detailed Visual		
C57–51–04	Pushrod attach fitting Station 97.5.	In situ when lowered	Detailed Visual		

CARD No. Year 3 of 5

Item	Description	Access	Type of Inspection	Mech. Initial	Insp. Initial
57–52	**OUTBOARD FOREFLAP**				
C57–52–01	Inboard hinge arm Station 173.5.	In situ when lowered	Detailed Visual		
C57–52–02	Inboard center hinge arm Station 247.11.	In situ when lowered	Detailed Visual		
C57–52–03	Outboard center hinge arm Station 310.	In situ when lowered	Detailed Visual		
C57–52–04	Outboard hinge arm Station 376.2	In situ when lowered	Detailed Visual		
C57–52–05	Pushrod attach fitting Station 247.11.	In situ when lowered	Detailed Visual		
57–53	**TRAILING FLAP**				
C57–53–01	Inboard hinge end arm.	In situ when lowered	Detailed Visual		
C57–53–02	Center hinge arm.	In situ when lowered	Detailed Visual		
C57–53–03	Outboard hinge end arm.	In situ when lowered	Detailed Visual		
57–54	**AILERON**				
C57–54–01	Inboard hinge arm Station 172.5.	In situ when lowered	Detailed Visual		
C57–54–02	Inboard center hinge arm Station 247.11.	In situ when lowered	Detailed Visual		
C57–54–03	Outboard center hinge arm Station 310.	In situ when lowered	Detailed Visual		
C57–54–04	Outboard hinge arm Station 376.2.	In situ when lowered	Detailed Visual		
C57–54–05	Balance weight location channel (‘D’ nose).	When lowered remove leading edge and weight	Detailed Visual		
C57–54–06	Trim tab hinge arm.	In situ when lowered	Detailed Visual		
C57–54–07	Trim tab hinge.	In situ when lowered	Detailed Visual		
C57–54–08	Gear tab hinge.	In situ when lowered	Detailed Visual		

CARD No. Year 3 of 5

Item	Description	Access	Type of Inspection	Mech. Initial	Insp. Initial
32–15	**FLOAT (IF INSTALLED)**				
C32–15–01	Float installation – Front spreader bar, tie rod lugs, tie bar, vertical strut and hardware.	Beach aircraft In situ	Detailed Visual		
C32–15–02	Float Installation – Top front strut bracket, front strut and hardware.	When beached In situ	Detailed Visual		
C32–15–03	Float Installation – Bottom front strut lug, front strut and hardware.	When beached In situ	Detailed Visual		
C32–15–04	Float installation – Rear spreader bar, support strut bracket, rear support struts, swivel end fittings, main leg pivot lug and hardware.	When beached In situ	Detailed Visual		
C32–15–05	Float installation – Main Strut, drag strut, fuselage lug, wing strut attachment and hardware.	Remove fairing F4, F5, F8 and F9. Remove strut fairings	Detailed Visual		
C32–15–06	Float installation – Main strut, drag strut and hardware at float.	Remove strut fairings panel	Detailed Visual		
C32–15–07	Float installation – Internal and external structure areas.	Remove panels and internal bulkhead panels	Detailed Visual		
TOTAL SIGN OFF					

CORROSION PROGRAM

CARD No. Year 4 of 5

AREA: Nacelles, Stabilizers, Elevator, Rudder and Wing Struts	**DATE:**	**INSPECTION MANHOURS:** Prep: Total:

NOTE Apply Corrosion Inhibiting Compound as necessary.

Item	Description	Access	Type of Inspection	Mech. Initial	Insp. Initial
53–14	**FUSELAGE AFT**				
C53–14–01	Aft fuselage to fin attach adapter. **NOTE 1: If Pre Mod 1843 to 1846, remove horiz/vert stabilizer/aft fuse top rib.** **NOTE 2: If Post Mod 1843 to 1846, inspect where accessible.**	See Notes 1 and 2 N/A Mod incorporated N/A Mod incorporated	Detailed Visual		
C53–14–02	Rudder hinge tubular attach support structure.	Remove panels T3, T4 and T14	Detailed Visual		
54–00	**NACELLES, LEFT AND RIGHT**				
C54–00–01	**Left Hand Nacelle:** Forward frame engine mount plates and engine mount adapters.	Lower engine cowlings W7 and remove cowling W29	Detailed Visual		
C54–00–02	**Left Hand Nacelle:** Nacelle skin exhaust path and nacelle drag angles.	In situ	Detailed Visual		
C54–00–01	**Right Hand Nacelle:** Forward frame engine mount plates and engine mount adapters.	Lower engine cowlings W21 and remove cowling W33	Detailed Visual		
C54–00–02	**Right Hand Nacelle:** Nacelle skin exhaust path and nacelle drag angles.	In situ	Detailed Visual		
55–10	**HORIZONTAL STABILIZER**				
C55–10–01	Horizontal Stabilizer/Elevator adapter plate inboard.	In situ	Detailed Visual		
C55–10–02	Horizontal Stabilizer/Elevator adapter plate outboard.	In situ	Detailed Visual		

CARD No. Year 4 of 5

Item	Description	Access	Type of Inspection	Mech. Initial	Insp. Initial
55–10	**HORIZONTAL STABILIZER (CONT'D)**				
C55–10–03	Elevator center hinge arm.	Remove fairings T2 and T15	Detailed Visual		
C55–10–04	Tailplane front and rear mounting brackets.	Disassembly of Empennage units is recommended	Detailed Visual		
55–20	**ELEVATOR**				
C55–20–01	Inboard attach adapter fitting.	In situ	Detailed Visual		
C55–20–02	Outboard attach adapter fitting.	In situ	Detailed Visual		
C55–20–03	Trim tab hinge.	In situ	Detailed Visual		
C55–20–04	FIap/Elevator interconnect tab hinge.	In situ	Detailed Visual		
C55–20–05	RH and LH inboard hinge arms.	In situ	Detailed Visual		
C55–20–06	RH and LH outboard hinge arms.	In situ	Detailed Visual		
55–30	**VERTICAL STABILIZER**				
C55–30–01	Rudder mid hinge attach plate.	Remove Rudder	Detailed Visual		
C55–30–02	Rudder top hinge attach plate.	Remove Rudder	Detailed Visual		
C55–30–03	Fin front and rear spar adapter fittings. **NOTE 1: If Pre Mod 1841 and 1842, remove horiz/vert stabilizer/aft fuse top rib.** **NOTE 2: If Post Mod 1841 and 1842, inspect where accessible.**	See Notes 1 and 2 N/A Mod incorporated N/A Mod incorporated	Detailed Visual		

CARD No. Year 4 of 5

Item	Description	Access	Type of Inspection	Mech. Initial	Insp. Initial
55–40	**RUDDER**				
C55–40–01	Lower hinge arm.	Remove panels T3 and T4	Detailed Visual		
C55–40–02	Mid hinge bracket.	In situ	Detailed Visual		
C55–40–03	Upper hinge bracket.	In situ	Detailed Visual		
C55–40–04	Upper trim tab hinge.	In situ	Detailed Visual		
C55–40–05	Lower trim tab hinge.	In situ	Detailed Visual		
57–00	**WING**				
C57–10–01 Right Hand	Top skins adjacent to nacelle, rib 5 to rib 9.	In situ Access upper wing surface	Detailed (Rivet lines) and General Visual		
C57–10–02 Right Hand	Lower skins adjacent to nacelle, ribs 5 to 9.	In situ	Detailed (Rivet lines) and General Visual		
C57–10–01 Left Hand	Top skins adjacent to nacelle, rib 5 to rib 9.	In situ Access upper wing surface	Detailed (Rivet lines) and General Visual		
C57–10–02 Left Hand	Lower skins adjacent to nacelle, rib 5 to 9.	In situ	Detailed (Rivet lines) and General Visual		
C57–10–17 Left Hand	Pre Mod 6/1117 wing-spar, strut-lug, fastener holes. N/A Mod incorporated	In situ Access panels at the wing front spar	High Frequency Eddy Current		
57–40	**WING STRUT, LEFT AND RIGHT**				
C57–40–01	**Left Hand Wing Strut:** Wing Strut Beam.	Remove fairings F5, W5 and W6	Detailed Visual		
C57–40–02	**Left Hand Wing Strut:** Strut Links.	Remove fairing W6	Detailed Visual		

CARD No. Year 4 of 5

Item	Description	Access	Type of Inspection	Mech. Initial	Insp. Initial
57–40	**WING STRUT, LEFT AND RIGHT (CONT'D)**				
C57–40–01	**Right Hand Wing Strut:** Wing Strut Beam.	Remove fairings F8, W19 and W20	Detailed Visual		
C57–40–02	**Right Hand Wing Strut:** Strut Links.	Remove fairing W20	Detailed Visual		
32–15	**FLOAT (IF INSTALLED)**				
C32–15–01	Float installation - Front spreader bar, tie rod lugs, tie bar, vertical strut and hardware.	Beach aircraft In situ	Detailed Visual		
C32–15–02	Float installation - Top front strut bracket, front strut and hardware.	Beach aircraft In situ	Detailed Visual		
C32–15–03	Float installation - Bottom front strut lug, front strut and hardware.	Beach aircraft In situ	Detailed Visual		
C32–15–04	Float installation - Rear spreader bar, support strut bracket, rear support struts, swivel end fittings, main leg pivot lug and hardware.	Beach aircraft In situ	Detailed Visual		
C32–15–05	Float installation - Main strut, drag strut, fuselage lug, wing strut attachment and hardware.	Remove fairing F4, F5, F8 and F9. remove strut fairings	Detailed Visual		
C32–15–06	Float installation - Mains strut, drag strut and hardware at float.	Remove strut fairings panel	Detailed Visual		
C32–15–07	Float installation - Internal and external structure areas.	Remove panels and internal bulkhead panels	Detailed Visual		

TOTAL SIGN OFF

CORROSION PROGRAM

CARD No. Year 5 of 5

AREA: Fuselage	**DATE:**	**INSPECTION MANHOURS:** Prep: Total:

NOTE: Apply Corrosion Inhibiting Compound as necessary.

Item	Description	Access	Type of Inspection	Mech. Initial	Insp. Initial
53–11	**FUSELAGE FORWARD**				
C53–11–01	Noseleg lower attachment adapter fitting, Station 60.	In situ	Detailed Visual		
C53–11–02	Noseleg upper mounting block, Station 60.	Open panels F3 and F10	Detailed Visual		
C53–11–03	Pilot door hinge, upper and lower attachment plates, Station 73.	In situ	Detailed Visual		
C53–11–04	Co-pilot door hinge, upper and lower attachment plates, Station 73.	In situ	Detailed Visual		
C53–11–05	Post Mod 6/2020 nose attachment exterior aluminum joint straps and fasteners common to nose.	In situ	Detailed Visual		
C53–11–06	Battery tray structure, interior surface of nose luggage compartment near battery tray, fasteners and hardware securing battery tray. (If installed)	Open nose luggage door	Detailed Visual		
53–12	**FUSELAGE CENTER**				
C53–12–01	Lower frame assembly, main landing gear attach, Station 219.	Remove panels F4, F5, F8 and F9	General (Internal) Detailed (External) Visual		
C53–12–02	Fuselage side frames at Stations 218 and 219.	Remove cabin dado side panels	Detailed Visual		
C53–12–03	Upper Fwd spar beam, Station 200, and adapters, wing pickup, Station 200.	Remove ceiling panel and wing top center panel	General (Internal) Detailed (External) Visual		
C53–12–04	Frame assembly, lower, main landing gear attach, Station 239.	Remove panels F5 and F8	General (Internal) Detailed (External) Visual		

CARD No. Year 5 of 5

Item	Description	Access	Type of Inspection	Mech. Initial	Insp. Initial
53–12	**FUSELAGE CENTER (CONT'D)**				
C53–12–05	Frames (‘hockey stick”) Station 239, wing attach.	Remove wing top center panel	General (Internal) Detailed (External) Visual		
C53–12–06	Top skin sandwich panels, center fuselage, from Station 111 to Station 190.	In situ Access upper fuselage surface	General Visual		
C53–12–07	Aft cabin doors, LH and RH, hinge attach plates, upper and lower.	In situ Open door	Detailed Visual		
C53–12–08	Airstair door hinge plate.	In situ Lower door	Detailed Visual		
C53–12–09	Cabin floor rails.	Remove or stow cabin seats and lift floor boards after removing rivets from board and side angles	General Visual		
C53–12–10	Cabin floor boards.	As above	General Visual		
C53–12–11	Fuselage structure, Station 111 to Station 376, shell interior and exterior skins, stringers and frames.	Remove cabin dado side panels, fuel liners and fuel cells.	Detailed Visual		
53–13	**FUSELAGE REAR**				
C53–13–01	Aft LH baggage door hinge attach plates.	In situ Open door F6	General Visual		
C53–13–02	Rear baggage compartment door hinge.	In situ Open door F6	Detailed Visual		
C53–13–03	Rear baggage compartment door sill.	In situ Open door F6	Detailed Visual		
C53–13–04	Rear fuselage lower bulkhead, Station 376.	Open door F6 and remove rear floor panel	Detailed Visual		
C53–13–05	Battery bay, lower structure.	Open door F6 and remove fwd floor panel	Detailed Visual		

CARD No. Year 5 of 5

Item	Description	Access	Type of Inspection	Mech. Initial	Insp. Initial
57–00	**WING**				
C57–10–01 Right Hand	Top skins adjacent to nacelle, rib 5 to rib 9.	In situ Access upper wing surface	Detailed (Rivet lines) and General Visual		
C57–10–02 Right Hand	Lower skins adjacent to nacelle, ribs 5 to 9.	In situ	Detailed (Rivet lines) and General Visual		
C57–10–01 Left Hand	Top skins adjacent to nacelle, rib 5 to rib 9.	In situ Access upper wing surface	Detailed (Rivet lines) and General Visual		
C57–10–02 Left Hand	Lower skins adjacent to nacelle, rib 5 to 9.	In situ	Detailed (Rivet lines) and General Visual		
32–15	**FLOAT (IF INSTALLED)**				
C32–15–01	Float installation - Front spreader bar, tie rod lugs, tie bar, vertical strut and hardware.	Beach aircraft In situ	Detailed Visual		
C32–15–02	Float installation - Top front strut bracket, front strut and hardware.	When beached In situ	Detailed Visual		
C32–15–03	Float installation - Bottom front strut lug, front strut and hardware.	When beached In situ	Detailed Visual		
C32–15–04	Float installation - Rear spreader bar, support strut bracket, rear support struts, swivel end fittings, main leg pivot lug and hardware.	When beached In situ	Detailed Visual		
C32–15–05	Float installation - Main strut, drag strut, fuselage lug, wing strut attachment and hardware.	Remove fairing F4, F5, F8 and F9. Remove strut fairings.	Detailed Visual		
C32–15–06	Float installation - Main strut, drag strut and hardware at float.	Remove strut fairings panel	Detailed Visual		
C32–15–07	Float installation - Internal and external structure areas.	Remove panels and internal bulkhead panels	Detailed Visual		

TOTAL SIGN OFF

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AIRWORTHINESS DIRECTIVES CARD No. ALERT 1

DIRECTIVES ISSUED AGAINST DHC-6 TWIN OTTER AIRCRAFT

F.A.A.	TRANSPORT CANADA	ALERT DESCRIPTION	AIRCRAFT	SERVICE BULLETIN	EMMA CARD	CARD ITEM
67-28-03 Amendment 39-494	None	To preclude loss of horizontal stabilizer which could be caused by loss of aft fuselage attach bolt torque value.	001 - 063 inclusive	6/39	SP2	E1
None	CF-68-05	To prevent an aileron under balance condition occurring after painting.	001 - 115 inclusive	6/100	34 35	05 05
67-33-02 Amendment 39-532	CF-67-07 CF-67-08 superseded by CF-68-09 Part 1	LH elevator trim tab flutter condition. (Restricted flight operation).	001 - 087	6/69	A	External 04
	CF-68-09 Part 2	LH elevator trim tab flutter condition. (LH elevator rear spar structure reinforcement).	001 - 105	6/65	A	External 04
	CF-68-09 Part 3	LH elevator trim tab flutter condition. (LH/RH elevator skin rivet changes).	001 - 081 inclusive	6/68	A	External 04
68-26-02 Amendment 39-694	CF-DHC-6-68-18 superseded by CF-69-20	Wing strut loose Jo-bolt fasteners.	001 - 170 inclusive	6/166	SP2 A	D1 External 07

NOTE: EMMA Card No. ALERT 1 is for reference only. It is the responsibility of the operators to stay current with the Airworthiness Directives, from their local authorities, applicable to their aircraft. TC and FAA Airworthiness Directives can be found at these web sites:

Transport Canada: http://www.tc.gc.ca

Federal Aviation Administration: http://www1.faa.gov

F.A.A.	TRANSPORT CANADA	ALERT DESCRIPTION	AIRCRAFT	SERVICE BULLETIN	EMMA CARD	CARD ITEM
69-02-01 Amendment 39-709 39-714 39-1871 39-2347 superseded by 85-16-10 Amendment 39-5216 superseded by 94-04-01 Amendment 39-8819	CF-69-01 superseded by CF-69-04 superseded by CF-69-05 superseded by CF-76-08 superseded by CF-85-12R3	Wing root rib forward aluminum material adapter cracks. Wing root rib forward aluminum material adapter inspection. Now identified with Transport Canada Aging Aircraft Program.	001 - 105 inclusive 106 - 210 inclusive All	6/174 6/174 6/476 and 6/500	13 14 SP2	08 08 D3
69-05-01R2 Amendment 39-728 39-1175 39-3824	CF-72-06 superseded by CF-72-06R1 Superseded by CF-72-06R4	Control column lower horizontal tube weld cracking caused by excessive tail gust wind conditions. Identified with Transport Canada Aging Aircraft Program.	001 - 379 inclusive	6/180	SP2	C1

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F.A.A.	TRANSPORT CANADA	ALERT DESCRIPTION	AIRCRAFT	SERVICE BULLETIN	EMMA CARD	CARD ITEM
69-08-12 Amendment 39-756 superseded by 69-08-12R1 Amendment 39-867	CF-72-06 superseded by CF-72-06R4	Elevator and rudder flight control pulley bracket failures under flight compartment floor area due to pulley bracket structure failure caused by excessive tail gust wind conditions. Identified with Transport Canada Aging Aircraft Program.	002 - 222 inclusive	6/181	SP2	C1
None	CF-72-06R4	Elevator quadrant distortion and support bracket cracking in aft fuselage area caused by excessive tail gust wind conditions.	All aircraft	6/181	SP2	C1
71-11-01 Amendment 39-1212	CF-70-10	To enhance electrical system protection from probable hazardous conditions arising from an overload fault condition.	006 - 289 inclusive	6/245		
71-14-05 Amendment 39-1242	CF-71-11	To prevent under cabin floor hazardous explosion condition occurring in bays 9 and 10 from fuel cell leakage fumes and JB 1000 air conditioner operating electrical relays located on Station 332 bulkhead below floor.	Aircraft with S.O.O. 6109 embodied	6/280	32	20
71-16-01 Amendment 39-1250	CF-71-07	To preclude possible engine flame out condition arising from fuel starvation caused by collector cell sump plate flapper valve seal failure.	001 - 299 inclusive	6/269	17	03

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F.A.A.	TRANSPORT CANADA	ALERT DESCRIPTION	AIRCRAFT	SERVICE BULLETIN	EMMA CARD	CARD ITEM
71-21-07 Amendment 39-1310	CF-71-12	To prevent total AC system power loss should a fault condition occur in a fuse protected circuit when operating with filtertron type PC15 or PC15C inverters.	006 - 427 inclusive (F.A.A.) 096 - 289 inclusive	6/263	11	08
73-05-03 Amendment 39-1600 superseded by 95-18-11 Amendment 39-9358	CF-72-11 superseded by CF-73-03 superseded by CF-73-03R1	Wing rear spar cap stress corrosion cracks. Identified with Transport Canada Aging Aircraft Program.	001 - 330 inclusive	6/295	SP2 27 28	D5 19 20
None	CF-73-04	To propeller autofeather system notification.	006 - 230 inclusive retrofit Mod 6/1278	6/297	32	09

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F.A.A.	TRANSPORT CANADA	ALERT DESCRIPTION	AIRCRAFT	SERVICE BULLETIN	EMMA CARD	CARD ITEM
73-19-01R1 Amendment 39-1786	CF-73-09	To prevent inadvertent autofeathering due to malfunction of the single pole pressure switch.	006 - 264 inclusive 266 - 269 inclusive 271 - 276 inclusive 278 - 280 inclusive 282 and 283		32	09
73-19-06 Amendment 39-1710 39-1800 superseded by 93-10-08 Amendment 39-8588	CF-73-06 superseded by CF-73-06R1 superseded by CF-73-06R2	Overhead console flight control melamine material quadrant.	001 - 420 inclusive	6/298	SP2	C2
		Overhead console flight control polycarbonate material quadrant cracks.	All	6/519	SP2	C2
73-19-06 Amendment 39-1710 39-1800 superseded by 93-10-08 Amendment 39-8588	CF-73-06 superseded by CF-73-06R1 superseded by CF-73-06R2	Overhead console flight control melamine material quadrant.	001 - 420 inclusive	6/298	SP2	C2
		Overhead console flight control polycarbonate material quadrant cracks.	All	6/519	SP2	C2

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EMMA Card No. ALERT 1

F.A.A.	TRANSPORT CANADA	ALERT DESCRIPTION	AIRCRAFT	SERVICE BULLETIN	EMMA CARD	CARD ITEM
73-20-05 Amendment 39-1725	CF-73-11	To prevent disengagement of float drag strut to fuselage attachment bolts.	All A/C utilizing C.A.P. 1200 A and B floats prior to S/N 71	6/296	FL	04
74-08-11 Amendment 39-1819	CF-73-12	To prevent structure rivet failures in the cabin RH side seat rail forward of cabin door when inward facing seats are installed.	136 - 368	6/302	11	14
74-22-06 Amendment 39-1993	CF-74-04	Horizontal stabilizer rear spar cracks.	001 - 393 inclusive	6/310	26	5g
75-08-02 Amendment 39-2149	CF-74-07	To preclude possible hazardous condition arising from RH aileron flight control cable contacting DC electrical power cable.	001 - 135 inclusive	6/304	15	15
75-24-15 Amendment 39-2438	CF-75-06	To prevent total AC system power loss should a fault condition occur in a fuse protected circuit when operating with Filtertron type PC15 or PC15C inverters.	290 - 427 inclusive	6/263	11	08
75-26-07 Amendment 39-2455	CF-75-11	To preclude an electrical fire condition occurring in the power distribution and generator control box due to Hartman A700AP, A700AAP and A701D reverse current relay contact welding.	Hartman A700AP A700AAP A701D relays	6/338	CT	C-B1 (Pre Mod 6/1585) D-B4 (Post Mod 6/1585)

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F.A.A.	TRANSPORT CANADA	ALERT DESCRIPTION	AIRCRAFT	SERVICE BULLETIN	EMMA CARD	CARD ITEM
76-07-08 Amendment 39-2571	CF-75-03 superseded by CF-75-14	Flight hazard condition may arise from water ingress into float sealed compartment.	C.A.P. floats 12000 12000A 12000B		FL	01
76-13-06 Amendment 39-2654	CF-76-21	Wing tip strobe lighting protection limited with excessive removal of bonding strap material during initial installation.	001 - 469 inclusive less aircraft with Mod 6/1513 installed	6/138	20 21	01 01
77-03-07 Amendment 39-2832 39-3100 superseded by 93-02-04 Amendment 39-8486	CF-77-05 superseded by CF-77-05R1	Elevator bellcrank hand pump mounting structure cracks below cockpit floor caused by excessive tail wind gusts and/or excessive hand pump operation.	002 - 494 inclusive 497 - 503 inclusive 505 and 507	6/348	SP2 22	F5 21
78-01-05 Amendment 39-3111	CF-77-08	To preclude possibility of total system electrical failure due to reverse current relay contact welding with resulting relay cover and wire loom burning in power distribution and generator box.	001 - 530 inclusive	6/353	CT	C-B1

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F.A.A.	TRANSPORT CANADA	ALERT DESCRIPTION	AIRCRAFT	SERVICE BULLETIN	EMMA CARD	CARD ITEM
78-26-02 Amendment 39-3370 superseded by 97-23-09 Amendment 39-10197	CF-78-17 superseded by CF-78-17R1	Fuselage side frame flange stress corrosion cracks. Identified with Transport Canada Aging Aircraft Program.	001 - 411 inclusive that do not have Mod's 6/1461 6/1462	6/371	SP2	F1
79-14-01 Amendment 39-3509	CF-79-02	Loose flight control elevator quadrant attach bolts in the aft fuselage area.	331 - 563 inclusive 565 - 587 inclusive 600 - 604 inclusive	6/379	12	04
79-10-07 superseded by 80-03-08 Amendment 39-3682	CF-79-18 superseded by CF-79-22 superseded by CF-79-22R1 superseded by CF-79-22R2	An asymmetric flap condition may occur due to flap pushrod failure from stress corrosion cracking in the magnaformed and area of Pre Mod 6/1487 2024T3 material pushrods. New 6061 material pushrod material with magnaformed sleeves and increased inspection interval.	001 - 656 inclusive	6/381 6/388 6/502	SP2 SP2	C4 C7

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F.A.A.	TRANSPORT CANADA	ALERT DESCRIPTION	AIRCRAFT	SERVICE BULLETIN	EMMA CARD	CARD ITEM
None	CF-79-24	To enable a positive awareness of operating condition of Bata range power lever arming switch.	001 - 450 inclusive	6/309	09	07
DELETED						
80-13-11R2 Amendment 39-3814 39-4703	CF-80-03 superseded by CF-80-03R1 CF-80-03R2 superseded by CF-80-03R3 superseded by CF-80-03R4	To preclude an adverse flight condition due to flight control pushrod failure from stress corrosion cracking in Pre Mods 6/1486 (Rudder), 6/1487 (Flap), 6/1488 (Elevator) and 6/1489 (Aileron) 2024T3 material pushrods.	001 - 430 inclusive 431 - 685 inclusive 001 - 430 inclusive	6/390 6/390 6/502	20 21 SP2 SP2	10 09 C3 C5
DELETED						
80-13-13 Amendment 39-3816	CF-80-01	Failure of de Havilland /C.A.P. float front spreader bar end lugs and interference between float fitting and forward strut.	001 - 631 with SOO 6002 SOO 6082	6/330 6/357	FL	08

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F.A.A.	TRANSPORT CANADA	ALERT DESCRIPTION	AIRCRAFT	SERVICE BULLETIN	EMMA CARD	CARD ITEM
None	CF-81-05	To prevent possible fire condition occurring due to cable wiring chafing against co-pilot dimming control rheostat.		6/401	16	13
81-10-11 Amendment 39-4112 superseded by 95-18-10 Amendment 39-9357	CF-82-21 superseded by CF-82-21R1	To prevent failure of the elevator root rib, which could result in loss of control of the airplane.	001 - 810 inclusive All aircraft without Mod No. 6/1769 incorporated	6/399	SP2	E2
81-22-03 Amendment 39-4245	None	To preclude failure of Elevator torque tube hinge arm attachment bolt.	All aircraft	6/406	SP2	E1
82-26-06 Amendment 39-4517	CF-82-20	To prevent possible fire hazard recurring with windscreen isopropyl alcohol deicing system due to deterioration of fluid hoses.	001 - 791 inclusive	6/422		08 02
83-02-02 Amendment 39-4553	CF-82-24	To maintain structural integrity of the aircraft for continued service and fulfill the requirements of SFAR 23.	All aircraft		PSM 1-6-11	

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F.A.A.	TRANSPORT CANADA	ALERT DESCRIPTION	AIRCRAFT	SERVICE BULLETIN	EMMA CARD	CARD ITEM
71-01-01R2 Amendment 39-1135 39-1223 39-4265 superseded by 83-18-03 Amendment 39-4719	CF-83-11	To prevent an adverse condition arising with Horizontal Stab/Elevator outboard hinge arm adapter due to fretting and elongated hole condition.	All aircraft	6/228	SP2 26	E5 08d
superseded by 95-21-14 Amendment 39-9401	superseded by CF-83-11R1	Positive hinge arm attachment.	All aircraft	6/421	26	05c
83-26-05 Amendment 39-4793	CF-83-21	Horizontal stabilizer fwd and aft attach bracket stress corrosion cracking condition.	003 - 820 inclusive	6/438	19	03
superseded by 95-22-07 Amendment 39-9415	superseded by CF-85-10 superseded by CF-92-04	Brackets installed by retrofit Mods 6/1808 and 6/1809 working loose. Loose brackets corrected by retrofit Mods 6/1855 and 6/1856.	Retrofit 6/1808 and 6/1809 Retrofit 6/1855 and 6/1856	6/475 6/513	19	06

NOTE: EMMA Card No. ALERT 1 is for reference only. It is the responsibility of the operators to stay current with the Airworthiness Directives, from their local authorities, applicable to their aircraft. TC and FAA Airworthiness Directives can be found at these web sites:

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Federal Aviation Administration: http://www1.faa.gov

F.A.A.	TRANSPORT CANADA	ALERT DESCRIPTION	AIRCRAFT	SERVICE BULLETIN	EMMA CARD	CARD ITEM
84-07-07 Amendment 38-4841 superseded by 87-03-12 Amendment 39-5549	CF-83-25 later superseded by CF-83-25R1 superseded by CF-83-25R2	To preclude an adverse condition arising should cabin utility seat disengage from floor rail spotlight location hole.	All aircraft	6/447	A	Internal 07
None	CF-83-32	To prevent blockage of wing fuel vent flame arrester from foreign objects.	All aircraft	6/211	40 41	05 05
None	CF-84-03	Nose leg steering actuator cable failure.	001 - 800 inclusive	6/453	01 SP2	04 C3.1
86-15-08 Amendment 39-5362 superseded by 95-22-07 Amendment 39-9415	CF-92-04	To detect loose rivets in horizontal stabilizer Mods 6/1808 and 6/1809 retrofitted forward and aft attach brackets.	003 - 820 inclusive	6/475 6/513	19 SP2	03 E3

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F.A.A.	TRANSPORT CANADA	ALERT DESCRIPTION	AIRCRAFT	SERVICE BULLETIN	EMMA CARD	CARD ITEM
87-04-23 Amendment 39-5548	CF-85-14	To prevent failure of wing strut due to exfoliation corrosion on beam flanges.	All aircraft with 5 years or 6000 hours of service	6/474	SP2	D12
88-13-11 Amendment 39-5960 superseded by 94-08-10 Amendment 39-8882	CF-87-02 superseded by CF-87-02R1	To detect wing main spar lower forward and aft cap angle exfoliation corrosion.	All aircraft with 10 years or 12000 hours of service	6/492	SP2	D11
89-24-06R1 Amendment 39-6387	None	To prevent loss of elevator control due to cracking of elevator quadrant attach fitting located in aft fuselage area.	All aircraft		12	04
None		To minimize an attempted take-off with gust locks installed.	001 - 696 inclusive	6/508	15	11
90-11-01 Amendment 39-6752		To prevent failure of elevator pushrod (aft fuselage) rod end fatigue cracking.	All aircraft			
97-07-10R1 Amendment 39-9984	CF-91-30	Wing strut fatigue life effected due to leading edge skin chaffing loss.		6/342	27 28	14 15

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F.A.A.	TRANSPORT CANADA	ALERT DESCRIPTION	AIRCRAFT	SERVICE BULLETIN	EMMA CARD	CARD ITEM
94-14-22 Amendment 39-8971	CF-92-05	Horizontal stabilizer elevator center hinge arm flange cracks.	All aircraft	6/512	26 SP2	05b E4
	CF-93-25	Wing lower forward and leading edge skin rivet deterioration between landing light and nacelle area due to corrosion.	All aircraft	6/517	13 14	09 09
DELETED						
	CF-94-12 superseded by CF-94-12R1 with CF-99-11	Aging aircraft structure corrosion control program to maintain the structural integrity of aircraft for continued service.	All aircraft		PSM 1-6-5 Part 2 and Part 3	
	CF-96-15 superseded by CF-2000-14	Re-evaluation of airframe structure components including mandatory primary flight control cable life limitations.	All aircraft All aircraft	6/525 6/268 6/525	PSM 1-6-11	

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Federal Aviation Administration: http://www1.faa.gov

AIRWORTHINESS DIRECTIVES CARD No. ALERT 2

DIRECTIVES ISSUED AGAINST MANUFACTURER'S EQUIPMENT EFFECTING DHC-6 TWIN OTTER AIRCRAFT

F.A.A.	TRANSPORT CANADA	ALERT DESCRIPTION	AIRCRAFT	SERVICE BULLETIN	EMMA CARD	CARD ITEM
67-33-01 Amendment 39-529	None	To prevent hazardous condition arising due to Grimes 41905-1 anticollision light failing to fulfill lower 30 degree illumination requirement.	001 - 070 less A/C 039	DHC Service Bulletin 6/57	19	07
68-05-03 Amendment 39-558 CANCELLED	CF-70-07 CANCELLED	(United Aircraft Canada Ltd.) Inspection of PT6A-20 engine Teleflex reversing control cable terminal. Cancellation Notice 28 February 1997	Series 001 Series 100 Series 110 Series 200 Series 210	UACL Service Bulletin 68-1		
69-23-06 Amendment 39-874	CF-69-17R1 superseded by CF-80-14R1 CANCELLED	(United Aircraft Canada Ltd.) New retaining ring on (Pesco) fuel pump input coupling.	All Aircraft	UACL Service Bulletin 174	36 37	04 04
70-16-01 Amendment 39-1054	None	(Woodward Governor Co.) To prevent an uncontrolled feathering condition occurring with overspeed governor autofeathering valve.	All Aircraft	Woodward Service Bulletin 33532B and UACL Service Bulletin 198	36 37	01 01

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Federal Aviation Administration: http://www1.faa.gov

F.A.A.	TRANSPORT CANADA	ALERT DESCRIPTION	AIRCRAFT	SERVICE BULLETIN	EMMA CARD	CARD ITEM
70-22-04 Amendment 39-1096	None	(Wood Electric Corp.) Circuit breaker seized condition reported with C/B model No's. 105 to 108, 147, 152, 254, 447, 448 and 2100 series.	All Aircraft	Woods Drawing No. 64-008 Rev 2 dated June 26, 1970	23 25 30 32	09 07 11 12
72-08-04 Amendment 39-1427	None	(Hartzell Propeller Company) To prevent an adverse operating situation arising by detecting a propeller blade crack condition.	Series 001 Series 100 Series 110 Series 200 Series 210	Hartzell Service Bulletin 97	38 39	01 01
72-19-04 Amendment 39-1521 superseded by 72-19-04R3 39-1598 39-1723 39-1872	None	(Nickle cadmium batteries) To prevent an adverse situation arising from an excessive overheat battery condition.	011 - 407 inclusive	DHC Service Bulletin 6/301	04	06

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Federal Aviation Administration: http://www1.faa.gov

F.A.A.	TRANSPORT CANADA	ALERT DESCRIPTION	AIRCRAFT	SERVICE BULLETIN	EMMA CARD	CARD ITEM
74-14-01 Amendment 39-1883 superseded by 74-14-01R1 39-1924	None	(Hartzell Propeller Company) To prevent an adverse operating situation arising by detecting a propeller blade crack condition.	Series 300 Series 310 Series 320	Hartzell Service Bulletin 105	38 39	01 01
74-20-10 Amendment 39-1976 superseded by 74-20-10R4 39-2038 39-2732 39-3000 39-3104	None	(Leigh System Company) Emergency Locator Transmitter.	Aircraft with optional equipment	Leigh Service Bulletin 003A	SP2	H1

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Federal Aviation Administration: http://www1.faa.gov

F.A.A.	TRANSPORT CANADA	ALERT DESCRIPTION	AIRCRAFT	SERVICE BULLETIN	EMMA CARD	CARD ITEM
75-06-01 Amendment 39-2118 39-2182 39-2208 39-2574 superseded by 75-06-01R4 39-2858	CF-74-09 superseded by CF-76-06	(United Aircraft Canada Ltd) To prevent failure of engine power reduction section due to reduction gear bearing plating deterioration.	All Aircraft	UACL Service Bulletin 1217	36 37	08 08
75-11-04 Amendment 39-2207	None	(United Aircraft Canada Ltd) To install a chip detector in reduction gearbox section for early warning of engine oil contamination condition caused by reduction gear bearing plating failure.	All Aircraft	UCAL Service Bulletin 1217	36 37	18 18
75-12-10 Amendment 39-2232	None	(Collins Radio) To prevent failures arising in AP-106 Autopilot system servo units.	411, 416, 436, 442 and 444	DHC Service Bulletin A6/332 and Collins Service Bulletin 6	08	20

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Federal Aviation Administration: http://www1.faa.gov

F.A.A.	TRANSPORT CANADA	ALERT DESCRIPTION	AIRCRAFT	SERVICE BULLETIN	EMMA CARD	CARD ITEM
None	CF-75-12	(MacLeod Corporation Ltd.) To estimate pointer variations with altimeters P/N 135-13503 and 135-13503-M, which exceeded TSO-C10b certified design limitations, due to an incorrect temperature compensation error in certified design limitations, due to an incorrect temperature compensation error in altimeter.	385, 406, 410, 414, 415, 417, 434, 436, 443 and 447	DHC Service Bulletin 6/235 and MacLeod Service Bulletin 1	16	3f
76-07-09 Amendment 39-2570	None	(Collins Radio) To overcome an erroneous VOR bearing presentation and flap failure modes during 26VAC power failure conditions with Radio Magnetic Indicator Model 332C - 10 units.	334 - 476 inclusive	DHC Service Bulletin 6/349 and Collins Service Bulletin 6	16	03g
None	CF-76-25 superseded by CF-78-03	(Pratt & Whitney Canada Ltd) To prevent an adverse situation occurring in the event of an engine power section shaft de-coupling condition by installing a power turbine blade containment ring.	All Series Aircraft Engines	Pratt & Whitney Service Bulletins 1233 and 1246 for PT6A-20 and Service Bulletin 1220 for PT6A-27	36 37	07 07

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EMMA Card No. ALERT 2

F.A.A.	TRANSPORT CANADA	ALERT DESCRIPTION	AIRCRAFT	SERVICE BULLETIN	EMMA CARD	CARD ITEM
78-18-01 Amendment 39-3290 superseded by 83-08-01R1 Amendment 39-4633	None	(Hartzell Propeller Company) To prevent an adverse situation occurring with detection of cracked propeller attach bolts. (Hartzell Propeller Company) To preclude propeller attach bolt cracking failures believed caused by hydrogen embrittlement.	All Series Aircraft since Feb 1, 1978 in service All Series Aircraft	Hartzell Service Bulletin 123 DHC Service Bulletin 6/451 and Hartzell Instruction Letter No. 140A	40 41	04 04
79-05-02 Amendment 39-3422 superseded by 79-18-05R1 Amendment 39-3549 39-3708	CF-77-11 superseded by CF-78-01 superseded by CF-81-29R2	To prevent an adverse situation arising in ELT units with installed Lithium Batteries due to an overheat condition occurring.	All Series Aircraft operation with Lithium Batteries	None	SP2	H1

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Transport Canada: http://www.tc.gc.ca

Federal Aviation Administration: http://www1.faa.gov

F.A.A.	TRANSPORT CANADA	ALERT DESCRIPTION	AIRCRAFT	SERVICE BULLETIN	EMMA CARD	CARD ITEM
80-04-02 Amendment 39-3693	CF-79-20 superseded by CF-80-21 superseded by CF-80-22	(PWC/de Havilland Aircraft) To prevent disconnection of reversing interconnect linkage by ensuring that terminal fitting is in safety with positive thread indication in clevis fitting.	002 - 230 inclusive with PT6A-20 Engines	DHC Service Bulletin 6/387	36 37	12 12
80-08-12 Amendment 39-3748	CF-80-14R1 CANCELLED 27 February 1997	(Pratt & Whitney Canada Ltd.) To reduce possibility of fuel pump de-coupling from fuel pump drive coupling.	001 - 679 inclusive	Pratt & Whitney Service Bulletin 1316 and DHC Service Bulletin 6/396	36 37	04 04
80-18-05 Amendment 39-3896	None	(Sperry Flight Systems Tech) To prevent possible erroneous presentation of glide slope information.	Aircraft Sperry Flight Director	Sperry Technical News Letter 23-1979-02	23	14c
81-01-06 Amendment 39-4008	None	(Bendix Avionics) To prevent possible failure of M4C/D autopilot system due to seizure of primary servo magnetic clutch.	Aircraft M4C/D Autopilots	Bendix Service Bulletin M-4D-060	09	16

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Transport Canada: http://www.tc.gc.ca

Federal Aviation Administration: http://www1.faa.gov

F.A.A.	TRANSPORT CANADA	ALERT DESCRIPTION	AIRCRAFT	SERVICE BULLETIN	EMMA CARD	CARD ITEM
86-26-01 Amendment 39-5502	None	(Collins Radio) To prevent a deviation output signal oscillation condition arising in VOR/ILS Nav Receiver Model 51RV-4.	Aircraft with Receiver S/N 5960 to 7277	Collins Service Bulletin A22 dated Nov 25, 1986.	23	14e
None	CF-98-41 superseded by CF-2002-47	To provide instructions to perform an inspection of the exhaust duct to determine the quality of the welds and the presence of cracks.	Aircraft with engines that are not in full compliance with Pratt & Whitney Service Bulletins 1610, 1610R1, 12173	Pratt & Whitney Service Bulletins 1610, 1610R1, 12173	38 39	04 04

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INSPECTION RECORD

A/C Registration No.	Mfr. Serial No.
Left Engine Serial No.	Right Engine Serial No.
Left Propeller Serial No.	Right Propeller Serial No.

EMMA CHECK NUMBER 1

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	1, 3, 5, 7, 9, 10, 16, 21, 36, 37, 38, 40.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 2

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	2, 4, 6, 11, 18, 20, 36, 37, 39, 41.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9 and B1 to B10.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 3

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	1, 3, 5, 7, 12, 17, 19, 23, 36, 37, 38, 42.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 4

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	2, 4, 6, 8, 13, 14, 24, 26, 36, 37, 39, 43.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9, B1 to B10 and C1 to C14.		
CT Card Items:	A-B1 and A-B2.		

Check No. completed.
Log Book or Maintenance Records entries made. Sign.....Date...../...../.....

Signatures and Certificates or License Numbers

MECHANIC	NUMBER	INSPECTOR	NUMBER

INSPECTION RECORD

A/C Registration No.	Mfr. Serial No.
Left Engine Serial No.	Right Engine Serial No.
Left Propeller Serial No.	Right Propeller Serial No.

EMMA CHECK NUMBER 5

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	1, 3, 5, 7, 9, 10, 15, 22, 36, 37, 38, 40.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 6

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	2, 4, 6, 11, 25, 36, 37, 39, 41, 44.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9 and B1 to B10.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 7

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	1, 3, 5, 7, 12, 36, 37, 38, 45.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 8

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	2, 4, 6, 8, 13, 14, 36, 37, 39.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9, B1 to B10, C1 to C14 and D1 to D6.		
CT Card Items:	A-B1, A-B2 and B-B1.		

Check No. completed.
Log Book or Maintenance Records entries made. Sign.....Date...../...../.....

Signatures and Certificates or License Numbers

MECHANIC	NUMBER	INSPECTOR	NUMBER

INSPECTION RECORD

A/C Registration No.	Mfr. Serial No.
Left Engine Serial No.	Right Engine Serial No.
Left Propeller Serial No.	Right Propeller Serial No.

EMMA CHECK NUMBER 9

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	1, 3, 5, 7, 9, 10, 16, 21, 36, 37, 38, 40, 46, 47.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 10

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	2, 4, 6, 11, 18, 20, 27, 28, 36, 37, 39, 41.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9 and B1 to B10.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 11

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	1, 3, 5, 7, 12, 17, 19, 31, 36, 37, 38.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 12

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	2, 4, 6, 8, 13, 14, 36, 37, 39.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9, B1 to B10 and C1 to C14 and E1 to E9.		
CT Card Items:	A-B1, A-B2.		

Check No. completed.
Log Book or Maintenance Records entries made. Sign.....Date...../...../.....

Signatures and Certificates or License Numbers

MECHANIC	NUMBER	INSPECTOR	NUMBER

INSPECTION RECORD

A/C Registration No.	Mfr. Serial No.
Left Engine Serial No.	Right Engine Serial No.
Left Propeller Serial No.	Right Propeller Serial No.

EMMA CHECK NUMBER 13

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	1, 3, 5, 7, 9, 10, 15, 36, 37, 38, 40.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 14

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	2, 4, 6, 11, 29, 33, 36, 37, 39, 41.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9 and B1 to B10.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 15

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	1, 3, 5, 7, 12, 23, 36, 37, 38, 42.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 16

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	2, 4, 6, 8, 13, 14, 24, 26, 36, 37, 39, 43.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9, B1 to B10 and C1 to C14 and D1 to D6 and F1.		
CT Card Items:	A-B1, A-B2, B-B1 and E-B1.		

Check No. completed.
Log Book or Maintenance Records entries made. Sign.....Date...../...../.....

Signatures and Certificates or License Numbers

MECHANIC	NUMBER	INSPECTOR	NUMBER

INSPECTION RECORD

A/C Registration No.	Mfr. Serial No.
Left Engine Serial No.	Right Engine Serial No.
Left Propeller Serial No.	Right Propeller Serial No.

EMMA CHECK NUMBER 17

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	1, 3, 5, 7, 9, 10, 16, 21, 22, 35, 36, 37, 38, 40.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 18

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	2, 4, 6, 11, 18, 20, 25, 36, 37, 39, 41, 44.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9 and B1 to B10.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 19

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	1, 3, 5, 7,12, 17, 19, 34, 36, 37, 38, 45.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9.		
CT Card Items:	A-B1 and A-B2, F-B1 to F-B3.		

EMMA CHECK NUMBER 20

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	2, 4, 6, 8, 13, 14, 32, 36, 37, 39.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9, B1 to B10 and C1 to C14.		
CT Card Items:	A-B1 and A-B2.		

Check No. completed.
Log Book or Maintenance Records entries made. Sign.....Date...../...../.....

Signatures and Certificates or License Numbers

MECHANIC	NUMBER	INSPECTOR	NUMBER

INSPECTION RECORD

A/C Registration No.	Mfr. Serial No.
Left Engine Serial No.	Right Engine Serial No.
Left Propeller Serial No.	Right Propeller Serial No.

EMMA CHECK NUMBER 21

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	1, 3, 5, 7, 9, 10, 15, 30, 36, 37, 38, 40.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 22

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	2, 4, 6, 11, 27, 28, 36, 37, 39, 41.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9 and B1 to B10.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 23

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	1, 3, 5, 7, 12, 36, 37, 38.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 24

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	2, 4, 6, 8, 13, 14, 36, 37, 39.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9, B1 to B10 and C1 to C14, D1 to D6, E1 to E9 and G1 to G15.		
CT Card Items:	A-B1, A-B2 ,B-B1, D-B1 to D-B4, G-B1 to G-B7.		

Check No. completed.
Log Book or Maintenance Records entries made. Sign.....Date...../...../.....

Signatures and Certificates or License Numbers

MECHANIC	NUMBER	INSPECTOR	NUMBER

INSPECTION RECORD

A/C Registration No.	Mfr. Serial No.
Left Engine Serial No.	Right Engine Serial No.
Left Propeller Serial No.	Right Propeller Serial No.

EMMA CHECK NUMBER 25

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	1, 3, 5, 7, 9, 10, 16, 21, 36, 37, 38, 40.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 26

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	2, 4, 6, 11, 18, 20, 36, 37, 39, 41.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9 and B1 to B10.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 27

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	1, 3, 5, 7, 12, 17, 19, 23, 36, 37, 38, 42.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 28

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	2, 4, 6, 8, 13, 14, 24, 26, 36, 37, 39, 43.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9, B1 to B10 and C1 to C14.		
CT Card Items:	A-B1, A-B2.		

Check No. completed.
Log Book or Maintenance Records entries made. Sign.....Date...../...../.....

Signatures and Certificates or License Numbers

MECHANIC	NUMBER	INSPECTOR	NUMBER

INSPECTION RECORD

A/C Registration No.	Mfr. Serial No.
Left Engine Serial No.	Right Engine Serial No.
Left Propeller Serial No.	Right Propeller Serial No.

EMMA CHECK NUMBER 29

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	1, 3, 5, 7, 9, 10, 15, 22, 36, 37, 38, 40.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 30

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	2, 4, 6, 11, 25, 36, 37, 39, 41, 44.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9 and B1 to B10.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 31

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	1, 3, 5, 7, 12, 36, 37, 38, 45.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 32

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	2, 4, 6, 8, 13, 14, 36, 37, 39.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9, B1 to B10, C1 to C14, D1 to D6 and F1.		
CT Card Items:	A-B1, A-B2, B-B1 and E-B1.		

Check No. completed.
Log Book or Maintenance Records entries made. Sign.....Date...../...../.....

Signatures and Certificates or License Numbers

MECHANIC	NUMBER	INSPECTOR	NUMBER

INSPECTION RECORD

A/C Registration No.	Mfr. Serial No.
Left Engine Serial No.	Right Engine Serial No.
Left Propeller Serial No.	Right Propeller Serial No.

EMMA CHECK NUMBER 33

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	1, 3, 5, 7, 9, 10, 16, 21, 36, 37, 38, 40, 46, 47.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 34

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	2, 4, 6, 11, 18, 20, 27, 28, 36, 37, 39, 41.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9 and B1 to B10.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 35

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	1, 3, 5, 7, 12, 17, 19, 31, 36, 37, 38.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 36

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	2, 4, 6, 8, 13, 14, 36, 37, 39.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9, B1 to B10, C1 to C14 and E1 to E9.		
CT Card Items:	A-B1, A-B2 and D-B1 to D-B4.		

Check No. completed.
Log Book or Maintenance Records entries made. Sign.....Date...../...../.....

Signatures and Certificates or License Numbers

MECHANIC	NUMBER	INSPECTOR	NUMBER

INSPECTION RECORD

A/C Registration No.	Mfr. Serial No.
Left Engine Serial No.	Right Engine Serial No.
Left Propeller Serial No.	Right Propeller Serial No.

EMMA CHECK NUMBER 37

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	1, 3, 5, 7, 9, 10, 15, 36. 37, 38, 40.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 38

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	2, 4, 6, 11, 29, 33, 36, 37, 39, 41.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9 and B1 to B10.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 39

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	1, 3, 5, 7, 12, 23, 36, 37, 38, 42.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 40

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	2, 4, 6, 8, 13, 14, 24, 26, 36, 37, 39, 43.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9, B1 to B10, C1 to C14 and D1 to D6.		
CT Card Items:	A-B1, A-B2 and B-B1.		

Check No. completed.
Log Book or Maintenance Records entries made. Sign.....Date...../...../.....

Signatures and Certificates or License Numbers

MECHANIC	NUMBER	INSPECTOR	NUMBER

INSPECTION RECORD

A/C Registration No.	Mfr. Serial No.
Left Engine Serial No.	Right Engine Serial No.
Left Propeller Serial No.	Right Propeller Serial No.

EMMA CHECK NUMBER 41

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	1, 3, 5, 7, 9, 10, 16, 21, 22, 35, 36, 37, 38, 40.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 42

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	2, 4, 6, 11, 18, 20, 25, 36, 37, 39, 41, 44.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9 and B1 to B10.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 43

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	1, 3, 5, 7, 12, 17, 19, 34, 36, 37, 38, 45.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 44

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	2, 4, 6, 8, 13, 14, 32, 36, 37, 39.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9, B1 to B10 and C1 to C14.		
CT Card Items:	A-B1, A-B2.		

Check No. completed.
Log Book or Maintenance Records entries made. Sign.....Date...../...../.....

Signatures and Certificates or License Numbers

MECHANIC	NUMBER	INSPECTOR	NUMBER

INSPECTION RECORD

A/C Registration No.	Mfr. Serial No.
Left Engine Serial No.	Right Engine Serial No.
Left Propeller Serial No.	Right Propeller Serial No.

EMMA CHECK NUMBER 45

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	1, 3, 5, 7, 9, 10, 15, 30, 36, 37, 38, 40.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 46

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	2, 4, 6, 11, 27, 28, 36, 37, 39, 41.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9 and B1 to B10.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 47

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	1, 3, 5, 7, 12, 36, 37, 38.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9.		
CT Card Items:	A-B1 and A-B2.		

EMMA CHECK NUMBER 48

Date Completed: / /	Accomplished at	Hours	
EMMA Card Numbers:	2, 4, 6, 8, 13, 14, 36, 37, 39.	Mech. Int	Insp. Int
Function Card Items:	A1 to A9, B1 to B10 and C1 to C14, D1 to D6 E1 to E9, F1, G1 to G15.		
CT Card Items:	A-B1, A-B2 ,B-B1, D-B1 to D-B3, E-B1, G-B1 to G-B7 and J-B1 to J-B7.		

Check No. completed.
Log Book or Maintenance Records entries made. Sign.....Date...../...../.....

Signatures and Certificates or License Numbers

MECHANIC	NUMBER	INSPECTOR	NUMBER

DHC-6 TWIN OTTER
DISCREPANCY REPORT
PSM 1-6-7 (F2)

CHECK NO.		SHEET OF
MFR SERIAL NO.:	OPERATOR	
DATE:	A/C REGISTRATION NO.:	

D. No.	DISCREPANCY	CORRECTIVE ACTION	MECH.

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DHC-6 TWIN OTTER
REPLACEMENT RECORD
PSM 1-6-7 (F3)

CHECK NO.		SHEET OF	
MFR SERIAL NO.:		OPERATOR	
DATE:		A/C REGISTRATION NO.:	
REMOVED	MECH.	INSTALLED	MECH.
Item _____ Part No. _____ Serial No. _____ Reason Removed _____ _____ Hours Used _____		Item _____ Part No. _____ Serial No. _____ New ☐ Overhauled ☐ Used ☐ Hours Used _____	
Item _____ Part No. _____ Serial No. _____ Reason Removed _____ _____ Hours Used _____		Item _____ Part No. _____ Serial No. _____ New ☐ Overhauled ☐ Used ☐ Hours Used _____	
Item _____ Part No. _____ Serial No. _____ Reason Removed _____ _____ Hours Used _____		Item _____ Part No. _____ Serial No. _____ New ☐ Overhauled ☐ Used ☐ Hours Used _____	
Item _____ Part No. _____ Serial No. _____ Reason Removed _____ _____ Hours Used _____		Item _____ Part No. _____ Serial No. _____ New ☐ Overhauled ☐ Used ☐ Hours Used _____	
Item _____ Part No. _____ Serial No. _____ Reason Removed _____ _____ Hours Used _____		Item _____ Part No. _____ Serial No. _____ New ☐ Overhauled ☐ Used ☐ Hours Used _____	
Item _____ Part No. _____ Serial No. _____ Reason Removed _____ _____ Hours Used _____		Item _____ Part No. _____ Serial No. _____ New ☐ Overhauled ☐ Used ☐ Hours Used _____	

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