CASS

Continued Airworthiness Surveillance System

CASS Meeting

07/28/2016	4:00PM	MTF

MEETING CALLED BY	Director of Maintenance
TYPE OF MEETING	Monthly CASS meeting
FACILITATOR	*Isaac Mackey – Fairbanks lead*
ATTENDEES	Bob Fell, Steve Slade, Dave Jones, Dennis Busch, Brent Estep, Isaac Mackey

Agenda Topics

1. Discuss old open action items
2. Review system reliability report trends
3. Review SDR,MIR,MDR reports
4. Review ASR,GOR reports
5. Review CAN's / CAS memos
6. Review tear down reports
7. Review Manufacture bulletins and AD's
8. Review notable items since last CASS meeting
9. Review AOG items
10. Discuss new open action items
11. Discuss recent audit findings
12. Review suggestions for next year's maintenance training
13. Other items
14. Schedule next meeting

OLD OPEN ACTION ITEMS	INITIATED BY	RESPONSIBLE PERSON	DEADLINE	CLOSED
N/A				

System reliability report trends
N/A

Notable A/C items since last CASS meeting		
Item	Notes or Preventable measures to prevent this from occurring again.	Move to open action items
N407PA start issue	**07/07/16 ACTT 7164.1** The pilot reported a slow light off. The fuel nozzle was removed and examined. It was found that there were multiple cracks in the outer shroud. The fuel nozzle was replaced with a serviceable unit. The removed fuel nozzle had accumulated 185.4 TSO. The O/H was C/W by Airborne Engines. Cost for the repair was $1638 by HAS South. Contact Airborne Engines	Closed
N407RH turbine nut	**07/16/16 ACTT 6018.6** During the B0055 AAIP inspection the upper R/H turbine mount nut was found backed completely off of stud. The last inspection to check the turbine toque is B0052. This inspection was completed with no defects noted. The mechanic installed a new nut and torqued IAW RR250C47 OMM	Closed
N308MH Eng. oil pressure	**07/26/16 ACTT 4425.8** Pilot reported during Cruise flight he had a fluctuation in TQ and Eng. oil Press was 0 psi. He performed a precautionary landing and notified Fairbanks. The mechanic verified Eng. TQ and oil pressure at ground run then cleaned the cannon plugs (at pressure transducers). An MOC flight was performed at multiple power settings. The aircraft was released for flight.	Closed

SDR,MIR,MDR, not listed on the notable A/C items list
None

GOR, HAZARD REPORTS not listed on the notable A/C items list

CANS, CAS MEMOS not listed on the notable A/C items list

Tear down reports		
Aircraft and item name	Reason removed	Tear down report finding
None		

Recent AD's and manufactures bulletins not listed above		
Number	Aircraft	Description

Other Notable Non A/C items since last CASS meeting		
Item	Notes	Move to open action items
Tug	Pad was torn off of lifting leg	

AOG's for 2016
1. N305MH - Fuel Canister
2. N618AC - Compressor Scroll Cracked
3. N308MH - 03/10/16 – GRB - Start issue – replaced Generator for O/H
4. N407RH - 03/17/16 – PS4 - Fuel issue
5. N308MH – 03/21/16 –- GRB - MGT wiring issue – replaced MGT terminal block
6. N309MH – 04/06/16 – PS4 – Oil regulator retaining clip – Aircraft repositioned to MTF and compressor was replaced for oil leak
7. N407PA – 04/18/16 – PS4 – Engine overtemp- replaced combustion liner
8. N309MH – 5/12/16 – MTF – ECU – replaced ECU
9. N328MH – 5/18/16 – MTF – oil cooler impeller – replaced impeller
10. N328MH – 07/15/16 – MTF – exciter box – replaced
11. N307MH – 7/19/16 – MTF - Nome Creek – hyd. Pump - replaced
12. N308MH – 07/26/16 – GRB – moisture on pressure transducers
13.
14.
15.
16.

AOG's for 2016 by Location	
PS4	3
PS5	
MTF	4
GRB	3
VDZ	
HOM	1
Kodiak	

AOG's for 2016 by Location	
Akutan	1
Nikiski	

NEW OPEN ACTION ITEMS	INITIATED BY	RESPONSIBLE PERSON	DEADLINE	CLOSED
Follow-up with manufactures on items that do not make TBO for credit or part replacement.		Steve Slade	8/26/16	
Add tracking system for new hire training and recurring requirements.		Brent Estep	8/26/16	

Recent audit maintenance findings	
Finding	Corrective action
FAA Finding: Personnel at this repair station did not have access to current Repair Station Operation Specifications.	Maritime Helicopters has placed a copy of all current maintenance related Operations Specifications on the companies server "T/ drive" which is accessible to Fairbanks Part 145 Management Personnel. The Director of Maintenance will be responsible to maintain currency of all Part 145 Maintenance Operations Specifications.
FAA Finding: The 145 training program for this repair station posted on the company portal was not current.	Revision 2 of Maritimes Part 145 Training Program was posted to company maintenance portal. A review of portal manuals for currency shall be completed monthly by the Director of Maintenance.
FAA Finding: Records of management, supervisory and inspection personnel were requested and upon review they were incomplete as required by CFR 145.161.	Rosters of management, supervisory and inspection personnel I/A/W CFR §145.161(a) are maintained in Homer, home base of records and are complete and current. They shall be made available to FAA upon request.
FAA Finding: The Quality Control Manual needs to include qualifying and surveilling non-certificated persons who perform maintenance, prevention maintenance, or alterations for the repair station as required by CFR 145.211(vi).	A procedure for qualifying and surveillance of non-certificated persons who perform maintenance, prevention maintenance, or alterations for the repair station as required by CFR §145.211(vi) will be added to both Homer and Fairbanks Quality Control Manuals and submitted to the Juneau CHDO in the form of a manual revision
FAA Finding: The forms being used in this repair station did not identify them as being from this repair station.	All Part 145 repair station forms are generic to both Homer Repair Station and Fairbanks Satellite Repair Station. For future reorders, Maritime Helicopters will include both addresses on the forms.

Suggested maintenance training for next year

Next CASS meeting scheduled for	08/26/16