



Maritime Helicopters

CASS

Continued Airworthiness Surveillance System

April. 2017
Meeting minutes

CASS Meeting

04/13/17	10:00AM	MTF
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MEETING CALLED BY	<i>Isaac Mackey – Fairbanks lead</i>
TYPE OF MEETING	Monthly CASS meeting
FACILITATOR	<i>Isaac Mackey – Fairbanks lead</i>
ATTENDEES	Dave Jones, Dennis Busch, Steve Slade, Brent Estep, Bob Fell, 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
Add tracking system for new hire training and recurring requirements. Copy of the following; Resume Driver license A&P IA Any Manufactures training records and MHI forms; Summary of Employment MHI 016 Training verification form MHI TR0005 (for initial training) i.e. facilities, jobsite specifics, and company standards Should be able to track their MHI online 135 & 145 training process and be able to check off when completed Fire extinguisher training Copy of MHI Employee handbook received Drug test result verification Sept 22nd CASS Meeting extended deadline to 11/10 Nov 10th CASS Meeting extended deadline to 12/22 Jan 26th CASS Meeting extended deadline to 02/28 02/28/17 In the process of uploading information to the MHI portal for easier access. Feb 28th CASS Meeting extended deadline to 03/23 04/13/17 training matrix created. April 13th CASS Meeting extended deadline to 06/15		Brent Estep Dennis Busch	06/15	
11/10/16 RII training and carding for the 412 pilots 01/26/17 RII training curriculum approved by the FAA and pilot training scheduled for Feb 7 th 02/28/17 Crew RII cards and revision to the training program in progress. 04/03/17 RII Cards issued.		Steve Slade	03/16	closed

OLD OPEN ACTION ITEMS	INITIATED BY	RESPONSIBLE PERSON	DEADLINE	CLOSED
01/26/17 Akutan fuel truck. The truck needs new fuel filters for the aircraft fuel. The differential pressure gauge is inoperative and out of calibration. 02/28/17 The filters have been ordered and are a few weeks out on delivery. The differential pressure gauge is also on order. Feb 28th CASS Meeting extended deadline to 03/23 April 13th CASS Meeting extended deadline 5/25 04/13/17 Brent to follow up with Larry Ally on differential pressure gauge and replacement filters being shipped to Akutan		Brent Estep	05/25	
New life jackets (type and current requirements)		Steve Slade	04/27	closed

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
Main rotor blade strike on hanger door in Kenai (GOR)	N405LP 12/07/16 ACTT 15667.4 The pilot reported that the wind caused the main rotor to teeter excessively which caused the rear facing rotor blade to strike the bottom of the open hangar door. Upon inspection of main rotor blade found a .004" deep scratch in white main rotor blade tip upper surface. Blended out scratch I/A/W Bell 206 MM. Advised pilot to tie main rotor blades during windy conditions.	Closed
Engine will not light off	N407RH 03/12/17 ACTT 6357.3 Engine would not light off for 2 start attempts first attempt normal procedure. Second alternate procedure on 3rd attempt after 10min rest alternate procedure lit off. Replaced igniter. Removed, cleaned and inspected and reinstalled fuel nozzle with correct shim stack. Ops checked ok with ground run work done IAW RR-250-C47B-OMM.	Closed

Notable A/C items since last CASS meeting		
Item	Notes or Preventable measures to prevent this from occurring again.	Move to open action items
FADEC degrade light	N308MH 03/20/17 ACTT4656.6 FADEC Degraded light illuminated during engine start; engine shutdown normally; degraded light still illuminated after battery reset "IgnIFlt" fault. Cleared fault. Verified ignitor operation in manual mode. Ops normal. No further action required. Aircraft returned to service.	Closed
FADEC degrade light (FIR)	N308MH 04/11/17 ACTT 4700.7 FADEC Degraded light illuminated during engine start; engine was slow to light off. "IgnIFLT" fault. Cleared fault; verified ignitor operation. Removed and replaced spark ignitor with new. Aircraft returned to service.	Closed
FADEC degrade light (FIR)	N309MH 04/11/17 ACTT After engine start FADEC Degrade" light illuminated. Performed troubleshooting. FADEC "IgnIFLT" fault. Cleared fault; verified ignitor operation. Removed and replaced spark ignitor with new. Aircraft returned to service. N309MH 04/12/17 ACTT After engine start FADEC Degrade" light illuminated. Performed troubleshooting. FADEC "IgnIFLT" fault. Cleared fault and replaced FADEC Start relay (1K3). Performed 2 ground runs, no defects noted. Aircraft returned to service.	Open
FADEC Fault (FIR)	N407PA 4/11/17 ACTT 7458.0 Aircraft was on a 135 check ride and got the "FADEC fault", "start fault", "FADEC degraded" lights. Channel 1 failure switch to revisionary governor. Aircraft landed and would not go to Idle. Throttle was shut off to kill the engine and the "FADEC Fail" light illumined. Performed FADEC troubleshooting IAW Goodrich F/M Task 73-20-103 and replaced ECU. Aircraft returned to service.	Open

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

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

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

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
None		

Other Notable Non A/C items since last CASS meeting		
Item	Notes	Move to open action items

AOG's for 2017	
1.	N407RH – 02/14/17 – GRB - FADEC Degrade light, replaced gearbox monopole pickup
2.	
3.	
4.	
5.	

AOG's for 2017 by Location	
PS4	
PS5	
MTF	
GRB	1
VDZ	
HOM	
Kodiak	
Akutan	
Nikiski	
Deadhorse	

NEW OPEN ACTION ITEMS	INITIATED BY	RESPONSIBLE PERSON	DEADLINE	CLOSED

Recent audit maintenance findings	
Finding	Corrective action
Multiple findings from GRB and VDZ audit	

Suggested maintenance training for next year	
Bell 407 factory training	
RR250 factory training / Airborne Engines	
Next CASS meeting scheduled for	05/25/17