# RAIL Top 25 1082- IGV Arm Bearing Failure

Initiator: Brian Reed

Owner: John Pursell

Initiation Date: 5/15/2022

Moved to Top 25: APR 2024

**Original Commit Date: NA** 

### **Problem Description:**

Wear of IGV/CGV arms result in loss of spherical bearings

Excessive bearing loss can contribute to compressor surge

#### **Criteria to Close:**

 Honeywell to develop and release improved IGV arm to prevent bearing failure

#### **Status & Dates:**

- Released SB 72-9001 to address bearing retention in service
- Incorporated interim SB solution into production at engine
- All LMMs were revised to allow fly-on for 25 hrs with one to ten uniballs missing

### **Next Steps:**

- Corrective action underway
- Improved configuration selected 3033050-4
- Testing complete
- Test results and certification reports are being prepared for review
- Service bulletin estimated in Q4 2025 based on hardware availability
- Redesign can be mixed with original configuration

**Estimated Completion Date: Q2 2025** 

% Completed: 70

Source: GCC





Current

3033050-4

Affected OEMs: Bombardier, Embraer, Textron, Gulfstream

Impacted Regions: APAC; EMEAI,

**Americas** 

#### RAIL Top 25

# **1083-36-150[CL] MIO Low Reliability**

Initiator: Brian Reed

**Owner: Cameron Lewis** 

Initiation Date: 11/11/2022

Moved to Top 25: Nov 2022

**Original Commit Date: NA** 

# **Problem Description:**

High occurrences of MIO detected in SOAP samples; this includes metal findings that may require maintenance activities. Currently evaluating two potential separate sources for Fe and AI in the oil. This appears to be unique to the -150[CL].

#### **Criteria to Close:**

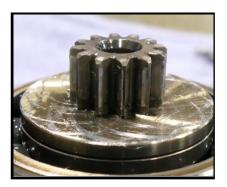
 Determine a way to explain or reduce the levels of high Fe and Al found in SOAP sample data

#### **Status & Dates:**

- Elevated Fe RCCA Complete
  - Loose installation of the idler gear mating bushing into the gearbox housing can cause the gear not track as designed and rub with the adjacent surface.
  - OEM drawings and aftermarket CMMs are updated to ensure bushing is cooled and gearbox heated for slip fit at installation, preventing bore damage. Inspection criteria added to CMM for this condition (released Feb 2025)
- Elevated Al RCCA In progress
  - Further review of shop findings in process to evaluate planetary pin damage/failure and RCCA
  - Evidence of wear through the anodize on the planetary housing is cause of rise in Al levels
  - No indications that pin damage and high Fe levels from bushing/gear rubbing are related

**Estimated Completion Date: Q3 2025** 

% Completed: 75
Source: GCC





**Affected OEMs: Bombardier** 

Impacted Regions: APAC; EMEAI;

**Americas** 

# RAIL Mechanica

# Mechanical 1084- 36-150(EMB) LOP Switch

Initiator: Brian Reed

**Owner: Cameron Lewis** 

Initiation Date: April 2024

Moved to Top 25:NA

**Original Commit Date: NA** 

### **Problem Description:**

3876001-4 Low Oil Pressure switches are failing frequently on the 36-150[EMB] APUs, resulting in No-start and AOG and is a top delay and cancelation driver

#### **Criteria to Close:**

- Honeywell to improve the robustness of the -4 LOP switch
  - · Improve O-ring to prevent internal oil leakage
    - New internal o-ring selected with improved thermal capability and improved compatibility with APU oils
  - · Improve switch body to prevent twisting due to torquing of the hex and body fittings
    - · Added extra screw in lower section next to hex nut to increment torque capability.
    - · Body structure updates to improve robustness
- There will be no change to the HON P/N; supplier part number will change from 7G1202 to 7G1247. A S/N cut in point will be made with no overlap between the two supplier P/Ns.

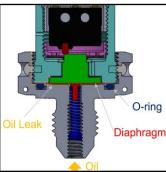
#### **Status & Dates:**

- HON-CCS (supplier) fault tree & root cause investigation: April 2024
- Fault tree: May 2024
- Root cause approval: May 2024
- Component drawing red lines: May 2024
- CCS Design Changes: June 2024
- Design change PDR: August 2024
- Test Hardware Manufacturing: May 2025
- Design Change CDR: May 2025
- Supplier completion of qual testing: June 2025
- Production cut in: Q4 2025

**Estimated Completion Date: Q4 2025** 

% Completed: 60

Source: GCC





**Affected OEMs: Embraer, Textron** 

#### RAIL Top 25 1085- W5 Wire Harness Issues - 3034427-3

Initiator: Brian Reed

Owner: John Pursell

Initiation Date: 11/15/2023

Moved to Top 25: APR 2024

**Original Commit Date: NA** 

### **Problem Description:**

Increased quantity of W5 harnesses are being rejected

#### **Criteria to Close:**

· Understand cause of rejections and identify corrective action

#### **Status & Dates:**

- Harness from engine 136470 has been returned to supplier (Fokker)
- No fault found during two tests Static and dynamic

#### **Hurdles**:

- Lack of specifics (resistance values, inspection results, etc.) during field investigation (grip it and rip it)
- Field investigation (ohmmeter, megger, visual) cannot always identify an issue caused by operational inputs vibration / heat & expansion

## **Next Steps:**

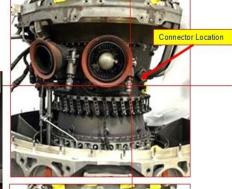
- Service Information Letter issued
  - SIL D202401004213 Issued Feb 2, 2024
  - "A Discussion Regarding the AS907 Wire Harnesses; Issues and Investigation"
  - Requests specifics; provides investigation steps
- Service bulletin to apply self-vulcanizing silicone tape to surge bleed valve electrical connectors
  - SBV B is near inner fan bypass panel air scoop
  - Subject to water, dirt, etc.
  - Service bulletin in sign off target Q2 2025
- Will be incorporated into new engine production

**Estimated Completion Date: Q4 2024** 

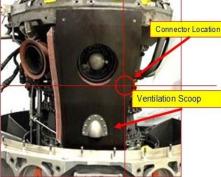
% Completed: 95

Source: GCC









Affected OEMs: Bombardier, Embraer, Textron, Gulfstream

Impacted Regions: APAC; EMEAI; Americas

#### RAIL Top 25

# 1086- AS907 Thrust Reverser (TR) Long-Term Solution

Initiator: GCC

Owner: John Pursell

Initiation Date: Apr 2024

Moved to Top 25: Apr 2024

Original Commit Date: NA

## **Problem Description:**

The GCC committee has requested HON to provide a long-term solution for the AS907 Thrust Reverser coating issues

#### **Criteria to Close:**

 Honeywell to develop a long-term solution for the AS907 thrust reverser for fielded engines

#### **Status & Dates:**

# Honeywell TR Improvement Initiative (for STC Incorporation)

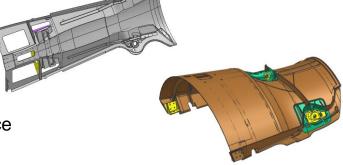
- Thrust Reverser concept development
  - TR Doors composite with embedded titanium interfaces
  - TR Beams dual-pathed with an all-titanium version and a composite/titanium hybrid both being considered
- Replace painted aluminum with materials that won't corrode or require coatings
- Early supplier engagement to ensure manufacturability and reduce design iterations
- The new Doors and Beams design intent to be "drop-in" replacement
  - Assembly will prioritize reuse of existing unaffected components
  - No modifications of existing components/no machining
  - Simplifies upgrade in the field at Service Centers/Channel partners

Estimated Completion Date: ~2 years

% Completed: 10%

Source: GCC





Affected OEMs: Bombardier, Gulfstream, Embraer

Impacted Regions: Americas, APAC,

**EMEIA** 

#### RAIL Top 25 1087-

# 1087- AS907 GKN Inlet Mesh Peeling

Initiator: Brian Reed

**Owner: John Pursell** 

**Initiation Date: April 2024** 

Moved to Top 25: April 24

**Original Commit Date: NA** 

### Problem Description: Reports of GKN Inlet Mesh Peeling

**Estimated Completion Date: TBD** 

% Completed: **Source:** GCC

**Criteria to Close:** Understand field issues and determine root cause and any corrective action

#### **Status & Dates:**

- Inlet screen peeling addressed by GKN technical variance GKN-TV-9020E Allows repair of inlet peeling 360 around inlet circumference
- Inlet Barrel Screen Blistering, GKN introduced a redesign of the screen installation in Mid 2018
  - Prevents contact between stainless steel mesh screen and aluminum honeycomb

Need help with go forward efforts or close RAIL item 1087



Inlet Screen Peeling at Leading Edge



**Inlet Barrel Blistering** 

No Events or data has been provided to HON engineering

Affected OEMs: Bombardier,
Gulfstream, Embraer

Impacted Regions: America, EMEIA, APAC

RAIL Top 25

# 1088- AS907 Harnesses, Request for Field Repair

Initiator: Brian Reed

Owner: John Pursell

Initiation Date: April 2024

Moved to Top 25: April 24

Original Commit Date: NA

## **Problem Description:**

Request Field Repair for Wire Harnesses

#### **Criteria to Close:**

LMM Revision

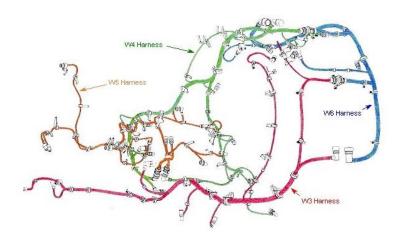
#### **Status & Dates:**

- Outer braid repair created for W3 harness
  - Damage from Fan Cowl Door hold open rod
  - SB 76-9033 released January 2025
- Outer braid repair for all wire harnesses
  - LMM revision to harness inspection / check created
  - Refers to Repair Manual for outer braid repair
    - Applies self-adhering silicone tape
  - Will be incorporated as each LMM is revised
- Field electrical repairs: Not allowed / advised

**Estimated Completion Date: Q4 2025** 

80% Completed: NA

Source: GCC



Affected OEMs: Bombardier, Gulfstream, Embraer, Textron

Impacted Regions: America, EMEIA, APAC

# RAIL Queue 1089-AS907 Diffuser V-Seal (low time)

Initiator: GCC

**Owner: John Pursell** 

Initiation Date: April 2024

Moved to Top 25: NA

Original Commit Date: NA

### **Problem Description:**

 Field reports of Diffuser "V" seal separation results in AOG situations due to V seal piece lodging in anti-ice valve

- V seal had issue in 2017 2019 and was corrected
- Issue has reappeared

#### **Criteria to Close:**

Introduce Corrective Action

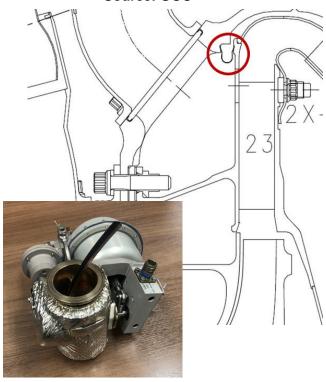
#### **Status & Dates:**

- Chief Engineer has requested complete, in-depth review of V seal interfaces, materials, design intent, temperatures, growth, etc.
- Initial actions have been initiated.
- Timeline of events since initial redeisgn created
- Will be long term, throughout 2025



20% Completed: NA

Source: GCC



Affected OEMs: Bombardier, Gulfstream, Embraer, Textron

Impacted Regions: Americas, EMEIA, APAC

RAIL Mechanical

# 1090-AS907 Anti-Ice Switch (New Switch Availability)

Initiator: GCC

**Owner: John Pursell** 

Initiation Date: April 2024

Moved to Top 25: NA

Original Commit Date: NA

## **Problem Description:**

Anti-ice switch redesign update

#### **Criteria to Close:**

Introduce redesigned switch

#### **Status & Dates:**

- Anti ice valve (ASC) investigated and given green light
- Cause of field events related to anti-ice switch PN WBA3020G103-007
- Investigation determined issue is with activation mechanism
  - Will activate, but not de-activate
- Issues with mechanism identified and redesign identified
  - PN to roll to -009
  - Proving a challenge
  - Unforseen repeatablity issue delay
  - Target Q1 2026 for availability

#### **Interim Actions:**

- Increased production test from 500 to 1000 cycles
- Validates electrical circuit in addition to mechanical mechanism
- Interim actions have screened out infant mortality issue low time removals almost non-existent

**Estimated Completion Date: Q3 2025** 

% Completed: 70 **Source:** GCC



Affected OEMs: Bombardier, Gulfstream, Embraer

Impacted Regions: Americas, EMEIA, APAC

# RAIL Mechanical 1091-AS907-3-1E Chip Zap CAS Message Clearing

**Initiator: Aaron Edwards** 

Owner: Yvan Lajoie

Initiation Date: April 2024

Moved to Top 25: NA

Original Commit Date: NA

### **Problem Description:**

CAS message is cleared after an ECU power down and back up.

#### **Criteria to Close:**

Investigate the AS907-3-1E ECU SW logic for the Chip Zap function

#### **Status & Dates:**

- Chip zap counts 20 successful or 5 unsuccessful chip zaps before posting a CAS message (ENGINE OIL CHIP)
  - Counters are not dependent on number of flights or ECU power cycles
  - Counters can only be "reset" with an ECU download
- CAS message will annunciate in cockpit after an ECU power cycle and after the engine is started and has reached ground idle
  - CAS is inhibited during all phases of flight
    - · Starts at TO roll of 80 knots
    - Ends at touchdown (AC speed drops to 30 knots) + 30 seconds
- Chip Zap logic is identical in all current AS907 ECU software
- Above functions certified with the FAA and verified with engineering system bench testing in November 2024 for the AS907-3-1E SW version

# **Needs Update**

**Estimated Completion Date: TBD** 

% Completed: NA **Source:** GCC



Affected OEMs: Embraer

# RAIL Mechanica

# Mechanical 1093- EEI for Forge vs. EEI 3.0 Synchronized Functionality

Initiator: Kellen Bush

**Owner: John Pursell** 

Initiation Date: April 2024

Moved to Top 25: NA

Original Commit Date: NA

### **Problem Description:**

EEI for Forge does not have the same functionalities as the e-Engine Interface (EEI) software version 3.0

#### **Criteria to Close:**

Update EEI for Forge

#### **Status & Dates:**

- The Honeywell Forge development team is working on several projects to improve the Forge EDV portal
- The new version provides a conversion tool to convert .TAR.GZ to .DLD (EEI 3.0 format)
- Forge 1.9.0 has been released and waiting on SIL approval to publish on the Aerospace portal

**Estimated Completion Date: TBD** 

% Completed: NA

Source: GCC



Affected OEMs: Bombardier, Gulfstream, Embraer, Textron

# RAIL Mechanical 1094- AS907-3-1E MCID 133 Nuisance vs HMU Replacement

**Initiator: Aaron Edwards** 

Owner: Yvan Lajoie

Initiation Date: April 2024

Moved to Top 25: NA

Original Commit Date: NA

### **Problem Description:**

MCID 0133 OMS Message: Fuel System HMU Suspect and the associated CAS message ENG 1 or 2 SHORT dispatch, remove and replace the HMU per LMM instructions

#### **Criteria to Close:**

- Improve HMU spares availability
- Review troubleshooting techniques and possible contributing causes

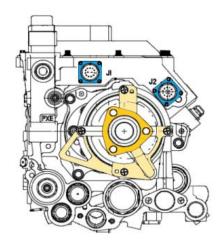
#### **Status & Dates:**

- Review and analyze EEI files ongoing
- Review HMU P/N 442650 shop findings 2Q2025

**Estimated Completion Date: TBD** 

% Completed: NA

Source: GCC



Affected OEMs: Embraer

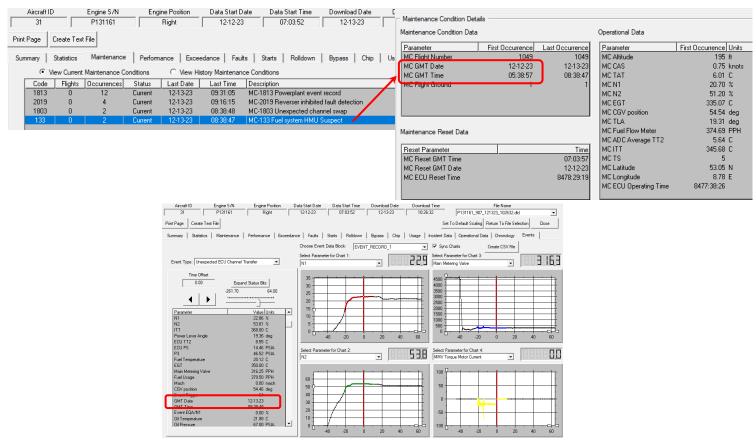
# HONEYWELL APPENDIX FOR 1094

YVAN LAJOIE HTF PRODUCT SUPPORT ENGINEER

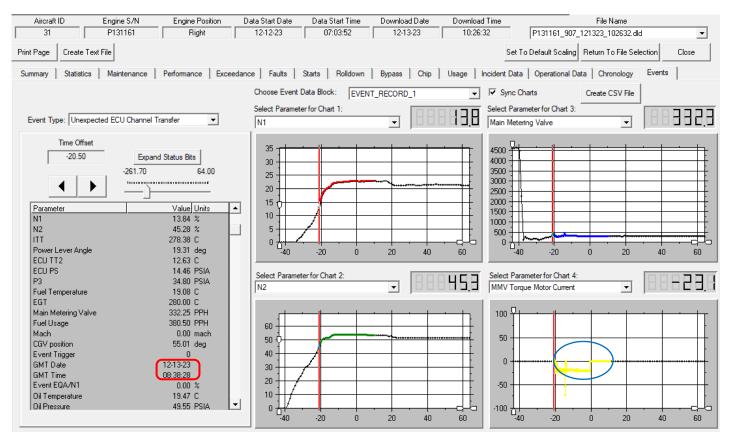
**April 25, 2025** 

# Honeywell

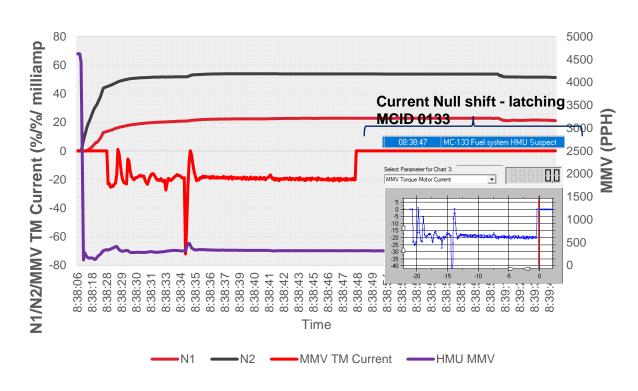
# EEI REVIEW ENGINE P131161 – MCID 0133 ON 12/13/2024



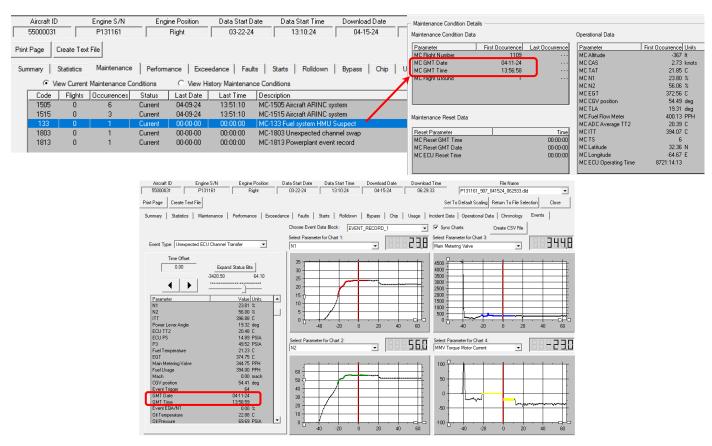
# **EEI REVIEW ENGINE P131161 – MMV & TM CURRENT**



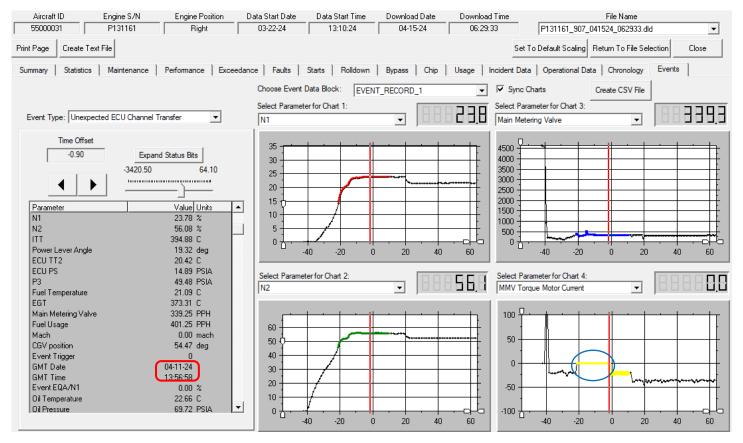
# AS907-3-1E/P131161 - HMU fault MCID 0133 12/13/2023

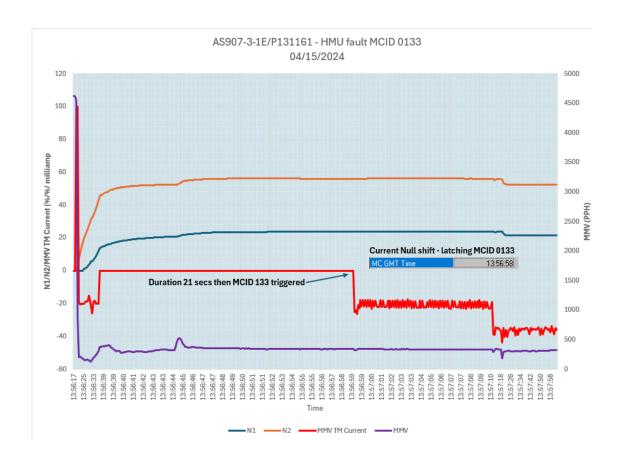


# EEI REVIEW ENGINE P131161 - MCID 0133 ON 4/11/2024



# **EEI REVIEW ENGINE P131161 – MMV & TM CURRENT**

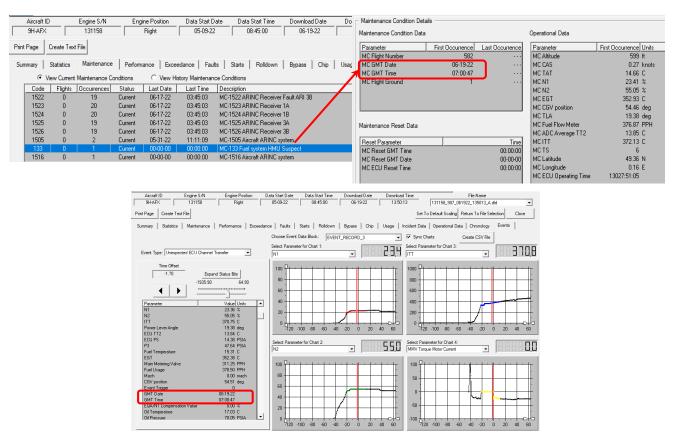




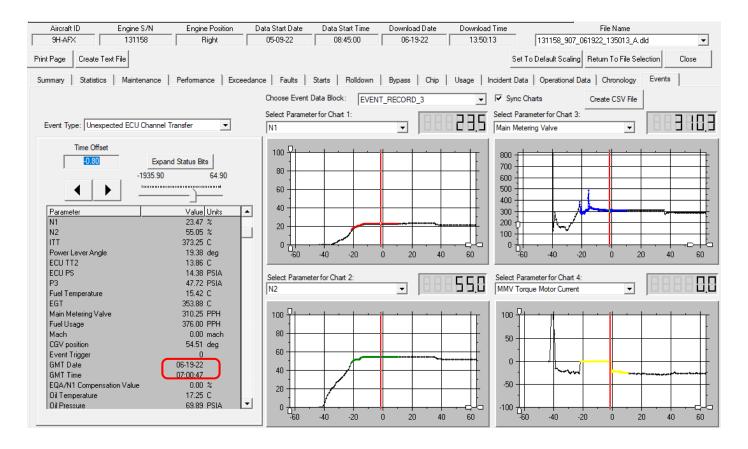
Honeywell | Global Customer Committee

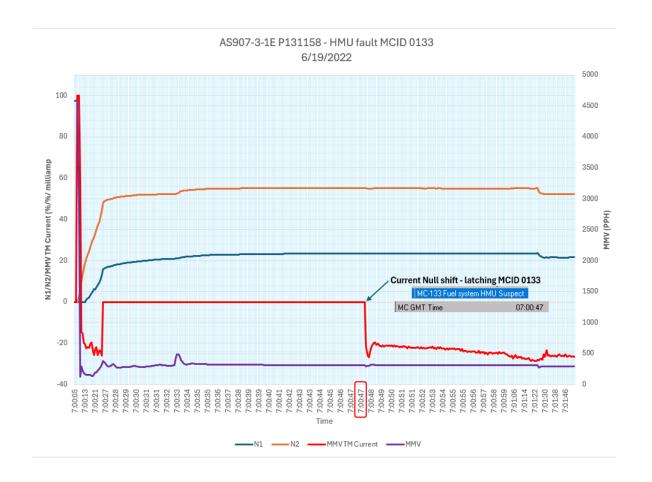
#### MMV torque motor current Null total time duration 21 seconds

# **EEI REVIEW ENGINE P131158 – MCID 0133**



# **EEI REVIEW ENGINE P131158 – MMV & TM CURRENT**





Honeywell | Global Customer Committee

#### MMV torque motor current Null total time duration 20 seconds

# HMU S/N 1605 RETURN FOR REPAIR – NO INCOMING TEST

P/N 442650 S/N FHC1605 [RCVD\_COND]MISSING ALL PORT SHIPPING CAPS. RECEIVING VISUAL INSPECTION REVEALED NO DAMAGE TO THE EXTERIOR OF THE UNIT DUE TO O/H WORKSCOPE REQUESTED BY THE CUSTOMER, RAR TESTING HAS BEEN WAIVED. SEALS WERE OEM INCOMING PUMP PN 2688676 S/N 15ANL1719. H536868 RW 02/29/24. IWORK ACCOMPLISHEDIDISASSEMBLY & CLEANING COMPLETED IAW 73-20-33 REV 1, H536868 RW 03/01/24.

OVERHAUL [REMV\_TYPE]SCHEDULED

\*\*\*RAR = Run As-Received

LIGHT MAINTENANCE MANUAL AS907-3-1E (72-05-19) Chapter 05-20-00 Inspections For Every (see below table) Engine Operating Hours Inspection Details Refer to Paragraph 2.P. Periodic Inspections (Subtask 72-00-00-200-015-A01) Step (6). and CMM, report No. 73-20-31.

1. Do a complete inspection of the HMU. The inspection includes the component disassembly, cleaning, inspection, assembly and test\*\*\*.

NOTES: \*\*\* HMU (integral fuel control and fuel pump). The fuel pump and HMU component card(s) need to be removed from the engine log book and attached to the HMU when returning the components for the XXXX hour inspection.

		LMM	LMM + permitted
Engine	OEM	Interval	additional Hrs
AS907-1-1A	Bombardier	7,200 Hrs	7,800 Hrs
AS907-2-1A Bombardier		7,200 Hrs	7,800 Hrs
AS907-2-			
1G	Gulfstream	7,200 Hrs	7,800 Hrs
AS907-2-1S	Textron	7,000 Hrs	7,800 Hrs
AS907-3-1E	Embraer	7,000 Hrs	7,750 Hrs

SFDC CASE-27948144: Hello, here is another Praetor with HMU MCID-133 faults. These events seem to all happen right at the first engine start of the day. The engine start time for this event was 18:43:07z the fault happened at 18:43:40z. What are your thoughts on troubleshooting this and no recent history other than reboots? One other point is the flip flopping of faults from short dispatch to no dispatch???? That seems to be a pattern also. Thank You

History:2/15/2024 Cyan (ENG 1 SHORT DISPTACH) on engine start. Mel'ed.

Honeywell e-Engine Interface [ Maintenance Conditions ]

File Name: 131307\_907\_021524\_234336\_a.dld Aircraft ID: N417FX Engine Serial Number: 131307

Engine Position: Left ECU Channel: A

Download Date: 02-15-24 Download Time: 23:38:59 Code Flights Occurrences Status Last Date Last Time

133 0 2 Current 02-14-24 13:38:14

Description: MC-133 Fuel system HMU Suspect

Maintenance Condition Data:

Parameter First Occurrence Last Occurrence

MC Flight Number 2403 2414 MC GMT Date 02-07-24 02-15-24 MC GMT Time 03:39:44 18:43:40

MC Flight Ground 11

2/14/2024 Cyan (ENG 1 NO DISPTACH) on engine start. Rebooted and cleared.

Honeywell e-Engine Interface [ Faults ]

File Name: 131307\_907\_021524\_234336\_b.dld Aircraft ID: N417FX Engine Serial Number: 131307

Engine Position: Left ECU Channel: B

Download Date: 02-15-24 Download Time: 23:43:35

Functional Fault Summary: FF Fault ID Description Date Time

256 Local channel fuel torque motor null shift indicated 02-07-24 03:39:56

458 FF-256;Local channel fuel torque motor null shift indicated; FF- 257; Cross channel fuel torque motor null shift indicated 02-07-24 03:39:56

257 Cross channel fuel torque motor null shift indicated 02-07-24 03:39:44

Honeywell e-Engine Interface [ Chronology ] File Name: 131307\_907\_021524\_234336\_b.dld Aircraft ID: N417FX Engine Serial Number: 131307

Engine Position: Left ECU Channel: B

Download Date: 02-15-24 Download Time: 23:43:35

Data Chronology:

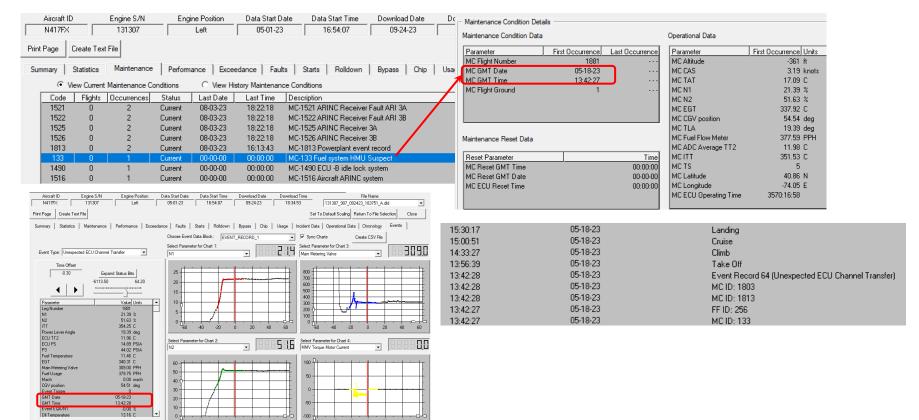
18:43:40 02-15-24 MC ID: 133

2/06/2024 Cyan (ENG 1 NO DISPTACH) and (ENG 1 SHORT DISPTACH) on engine start. Rebooted and cleared.

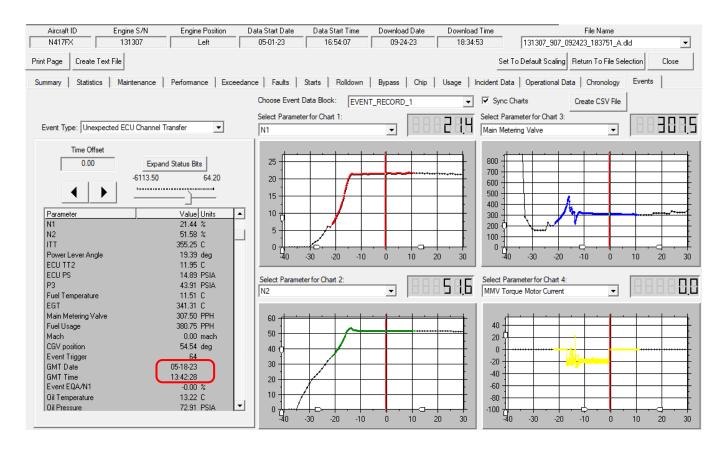
5/18/2023 Cyan (ENG 1 SHORT DISPTACH) on engine start. Rebooted and cleared.

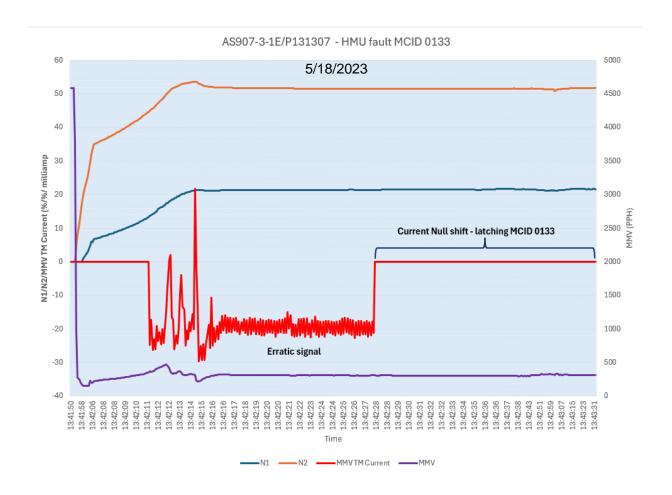
See next slides for EEI detail information

# **EEI REVIEW ENGINE P131307 – MCID 133**



# **EEI REVIEW ENGINE P131307 – MMV & TM CURRENT**





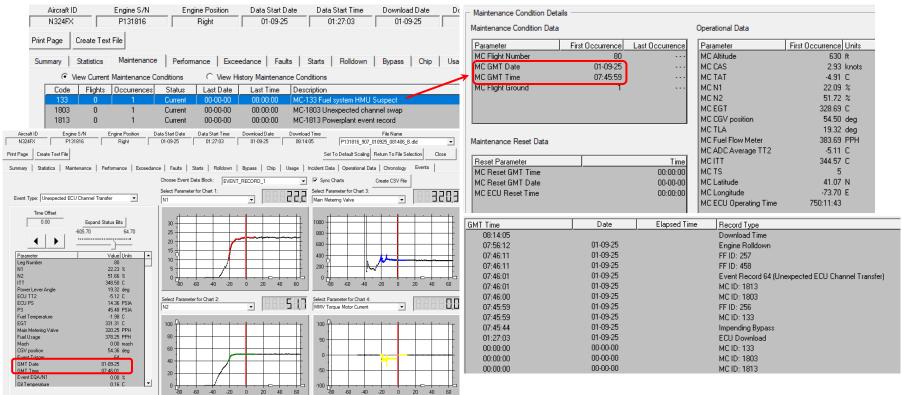
Honeywell | Global Customer Committee

#### Typically occuring after start (38 secs for the above event)

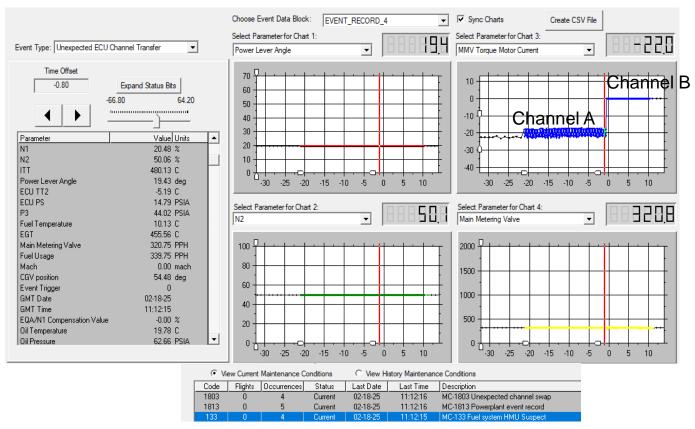
# HMU S/N FHC2074 RETURN FOR REPAIR – NO FINDINGS IN HAVREL

SHORT DISPATCH HMU CAS MESSAGE, 5895.8 /1116.4, TAIL #N417FX,EMBRAER LEGACY 500 [REMV\_TYPE]UNSCHEDULED[RMV\_REASON\_CD\_DESC]OTHER (DESCRIBE IN REMARKS)

# EEI REVIEW 1/9/2025 - ENGINE P131816 – MCID 133 DUAL CHANNEL RESULTED IN A NO DISPATCH CAS MESSAGE

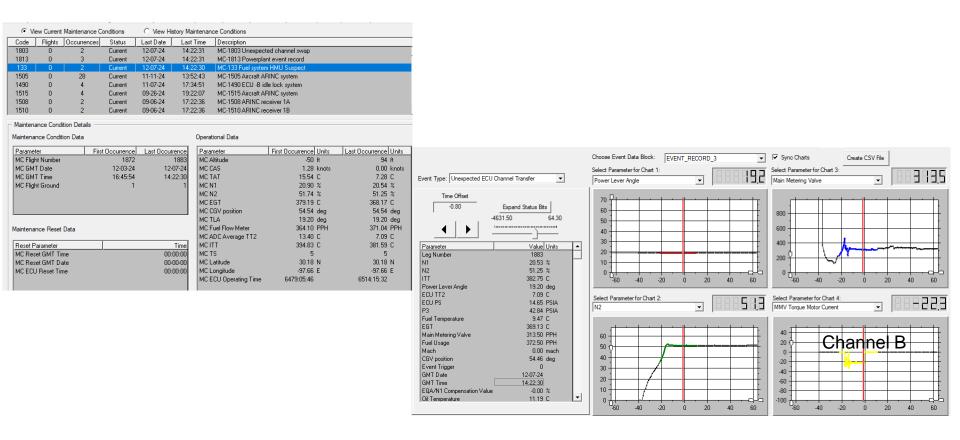


# MCID 133 - DUAL CHANNEL FAULT



Local and cross channel fuel torque motor null shift indicated

# MCID 133 – LOCAL CHANNEL SINGLE FAULT



Local channel fuel torque motor null shift indicated

### HMU REMOVALS PER AIRCRAFT MODEL 3-MONTH PERIOD



D = 0.0

Challenging to gather all the required information Date, ESN, MSN, HMU S/N & SFDC case number to correlate shop findings versus the aircraft fault MCID 133.

Unit S/N 3171, Electrohydraulic SERVO VALVE (MV EHSV) P/N 2718972 was replaced during shop visit. The HMU was returned in December 2024 for CAS message - ENG 2 NO DISPATCH

WORK ASSOCIATIONES TENT

PART_SERIAL	DESC	WORK_ACCOMPLISHED_TEXT
FHC2148	FAULT CODE 0133	[REMV_TYPE]UNSCHEDULED[RMV_REASON_CD_DESC]OTHER (DESCRIBE IN REMARKS)
		[WORK_ACCOMPLISHED]REPAIR COMPLETED IAW CMM 73-20-33. REMOVED FMV EHSV LOOL IAW CMM 73-20-33 REV 1, 20-FEB-25
		ANALYTICAL COMPLETED IAW 73-20-33 REV [CAUSE_LONG_TXT] DURING RAR THE FOLLOWING TEST POINTS WERE OUT OF SPEC LIMITS:
	RH ENG SHORT DISPATCH CAS WITH MCID 0133 (DETECTION	* T/P 410 LOOL, CHECK SHIMMING IN HIGH PRESSURE PUMP RELIEF VALVE * T/P 675B LOOL, ADJUST AT FINAL * T/P 730A LOOL, REPLACE
	OF SUSPECT OPERATION WITHIN THE HMU).OEM HMU, TSN:	FMV EHSV * T/P 720B LOOL, REPLACE FMV EHSV * T/P 730B LOOL, REPLACE FMV EHSV * ALL OTHER TEST POINTS MET SPECIFICATION
FHC3171	471 HOURS	LIMITS. * RH ENG SHORT DISPATCH CAS WITH MCID 0133 (DETECTION OF SUSPECT OPERATION WITHIN THE HMU)UNSCHEDULED
		[RCVD_COND]RECEIVING VISUAL INSPECTION FOUND MISSING SHIPPING BLOCK/PAD, ELECTRICAL COVER AND INLET COVER/2
		SCREWS,2 WASHERS. REPLACED PRIOR TO DISASSEMBLY. SEALS WERE OEM INCOMING PUMP PN 2688676 S/N 18ANL2405, 20-FEB-
		25[WORK_ACCOMPLISHED]DISASSEMBLED & CLEANED IAW CMM 73-20-33 REV 1 , 20-FEB-25 ANALYTICAL COMPLETED IAW CMM 73-20-
FHC2324	FAULT CODE MC-133 RELATED TO HMU INTERNAL FAILURE.	33 REV
		[ACTION]OVERHAULED[RCVD_COND]RECEIVING VISUAL INSPECTION FOUND RAISED METAL AND SCRATCHES ON MOUNTING SURFACE.
		SEALS WERE OEM INCOMING PUMP PN 82011224-001 SN 150329-0693, 19-FEB-25[WORK_ACCOMPLISHED]OVERHAUL COMPLETED IAW
		CMM 73-20-33. DISASSEMBLED AND CLEANED IAW CMM 73-20-33 REV 1, ANALYTICAL COMPLETED IAW CMM 73-20-33 REV, 21-FEB-25
	ENGINE 1 SHORT DISPATCH CAS MESSAGE MC-133 FUEL	[CAUSE_LONG_TXT] ENGINE 1 SHORT
FHC3142	SYSTEM	DISPATCHCASMESSAGEMC133FUELSYSTEM[REMV_TYPE]UNSCHEDULED[RMV_REASON_CD_DESC]OTHER (DESCRIBE IN REMARKS)
		[WORK_ACCOMPLISHED]THE INSPECTION/REPAIRS WILL BE ACCOMPLISHED BY OUR VENDOR. THE FINDINGS WILL BE PROVIDED UPON
	HMU TORQUE MOTOR NULL SHIFT CAUSING SHORT	COMPLETION [CAUSE_LONG_TXT] THE INSPECTION/REPAIRS WILL BE ACCOMPLISHED BY OUR VENDOR. THE * FINDINGS WILL BE
FHC2175	DISPATCH CAS MESSAGE MC-133	PROVIDED UPON COMPLETION [REMV_TYPE]UNSCHEDULED[RMV_REASON_CD_DESC]OTHER (DESCRIBE IN REMARKS)

# MCID 133 predominantly reported on the Embraer Praetor

Honeywell | Global Customer Committee

DART OFFIAL

RAII Queue

# 1095- AS907 W3 Harness Hold Open Rod Interference

Initiator: GCC

Owner: John Pursell

Initiation Date: April 2024

Moved to Top 25: NA

Original Commit Date: NA

## **Problem Description:**

Fan cowl door hold open rod may chafe W3 harness over braid

#### **Criteria to Close:**

Introduce corrective action

#### **Status & Dates:**

- Service bulletin 76-9033 released Q1 2025
- Provides for application of anti-chafe sleeve (spiral wrap) and reposition of clamp to ensure adequate harness-to-hold open rod clearance
- Side Bar... Procedures to inspect cloth over-braid and apply antichafe sleeve will be added to LMMs and expanded to other areas of the harnesses

**Recommend Closure of this RAIL Item** 

**Estimated Completion Date: TBD** 

% Completed: 100
Source: GCC



Affected OEMs: Bombardier, Gulfstream, Embraer, Textron