

MANUFACTURER: Dassault Aviation
MDS: F-1M
REGISTRATION: N567EM
SERIAL: C14.56

AIRFRAME TOTAL TIME: 4589.7
ENGINE TIME (TSN): 593
LANDINGS: 3830
STATION CODE: KLAL

Page 1

Scheduled Maintenance Performed

- *Performed P Inspection IAW: 1F-F1K50E-2-01-1*
- *L/H Slotted Slat Track Screws Replaced. Every 600 hrs IAW: 03-1-803*
- *R/H Slotted Slat Track Screws Replaced. Every 600 hrs IAW: 03-1-803*
- *Check of Forward Cone Attachments. Every 600 hrs IAW: 03-2-508*
- *Measurement of Slat Jack Endplay. Every 600 hrs. IAW: 04-4-595*
- *Replacement of Braking System Filters. Every 600 hrs. 1F-F1K50EMM-2-07*

Performed the Following NDT:

- *Checking Lower Surface Skin Over Pressurization and Fuel Self Sealing Valves, Electrical Connectors, Drain and Bleed Ports. Completed. IAW: 03-1-821*
- *Eddy Current Check of Underside Bore of Main Wing Attachment Fitting, Completed. IAW: 03-1-590*
- *Testing for Cracks in Inner and Outer Aileron Fittings. Completed. IAW: O.T.E. 1C-14-36S-3(-36)*
- *Inspection of Load Supporting Components in Frame 17 Cargo Hold. Completed. IAW:03-2-510*
- *Inspection of Load Supporting Components in Frame 17 Outboard Body. Completed. IAW:03-2-518*
- *Checking of Frame 36 Front Keel Fittings, Completed. IAW: 03-3-521*
- *Magnetoscopy Check of Tulip Couplings 1022F, Completed. IAW: 03-3-530*
- *Eddy Current Test of Stringer 17 Between Frames 31 and Hollow Supports 36 (Exterior Skin). Completed. IAW: 03-3-557*

- *Verification of Trailing Edge Box for Each Horizontal Half-Plane. Completed. IAW:03-4-507*
 - *Checking of Wing to Fuse Main Attachment Locking Bosses (Frame 25). Completed. IAW: 03-3-523*
 - *Eddy Current of L/H, R/H MLG Webbing. Completed. IAW: O.T.E. 1C-14-36S-2(-36)*
 - *Inspection of Engine Air Duct Inspection Doors. Completed. IAW: 03-3-507M*
 - *#1 Hydro Pump Quill Shaft NDT. Completed.*
 - *#1/#2 Alternator Shafts NDT. Completed.*
 - *Verification of Shafts Before Keel Attachments (Ventral Fin Attach Shafts). Completed. IAW: 03-5-530*
- Inspection of stringer 6 To Frame 28. Completed. IAW: AM5815*

Performed the Following Major Components Install:

- *L/H Wing Refitted to Fuselage. IAW:03-1-308*
 - *Inspection Main Attachment Fitting Complete. IAW: 03-1-521*
 - *Installation of Wing Attachment Pins Complete. IAW: 03-3-502*
 - *Measurements Attachment Fittings, Bore Measurements Complete and Documented. IAW:03-3-551*
 - *Insertion Determination of Wing Attachment Pins Complete and Documented. IAW: 03-3-509*
- *R/H Wing Refitted to Fuselage. IAW:03-1-308*
 - *Inspection Main Attachment Fitting. IAW: 03-1-521*
 - *Installation Determination of Wing Attachment Pins. IAW: 03-3-502*
 - *Measurements Attachment Fittings, Bore Measurements Complete and Documented. IAW:03-3-551*
 - *Insertion of Wing Attachment Pins Complete and Documented. IAW: 03-3-509*

- *Vertical Stabilizer Refitted to Fuselage. IAW: 03-4-305*
 - *Insertion Determination of Attachment Pins Complete and Documented. IAW: 03-3-509*
 - *Inspection of Vertical Stab Attachment Pins Completed. IAW: 03-3-504*
- *Engine Installed. IAW: 06-4-301A P/N ATAR09K50-A61A S/N - 19822*
- *L/H Droop Slat Installed. IAW: 03-1-315*
 - *Check of Hinges on Droop Slat Complete. IAW: 03-1-507*
- *R/H Droop Slat Installed. IAW: 03-1-315*
 - *Check of Hinges on Droop Slat Complete. IAW: 03-1-507*
- *L/H Shock Absorber Installed. IAW: 05-1-306*
- *R/H Shock Absorber Installed. IAW: 05-1-306*
- *Alternator #1 Refitted to Accessory Gearbox. P/N 15202-2, S/N 100196. IAW: 08-1-302*
- *Alternator #2 Refitted to Accessory Gearbox. P/N 15202-2, S/N 146064. IAW: 08-1-302*
- *Accessory Gearbox Installed P/N 43113-003, S/N 1197. IAW: 06-1-301*
- *Brake Chute Container Installed. IAW: 05-9-301*
- *Refitted R/H Flight Accumulator (C-14 to C-14-51) P/N C18GG0021, S/N 246. IAW: 06-2-301*
- *Refitted L/H Flight Accumulator (C-14-52 to C-14-73) P/N C18GG0021, S/N RA92. IAW: 06-2-301M*
- *Refitted in Flight Refuel Probe. IAW: 06-2-339*
- *Installed MK-6 Ejection Seat S/N – 12954 IAW MB-442*

Performed the Following Component Changes:

- *Cabin Pressure Regulation Valve Changed P/N 2063B010402 S/N 613 IAW: 1F-F1K50EMM 09-2-305*
- *Over/ Under Pressure Valve P/N 2003B010402 S/N 613 IAW: 1F-F1K50EMM 09-2-306*

- Canopy Actuating Jack Leaking P/N 107024-04 S/N 158 IAW: 1F-F1K50EMM 03-2-303
- Arthur Replaced P/N 106067-03 S/N 581 IAW: 1F-F1K50EMM 04-2-305
- Aileron Roll Trim Actuator Replaced P/N 021057-51 S/N 8110 IAW: 1F-F1K50EMM 04-1-403
- Right Droop Slat Jack Leaking P/N 106051-13 S/N 1785 IAW: 1F-F1K50EMM 04-4-301
- Left Slotted Slat Gear Motor Replaced P/N 021096-10 S/N 360 IAW: 1F-F1K50EMM 04-4-305
- Left Dive Brake Actuator Replaced P/N C22291-102 S/N M720 IAW: 1F-F1K50EMM 04-5-301
- Tank 9 Air Stop Valve Faulty Changed P/N SA32D02 S/N 3712 IAW: 1F-F1K50EMM 06-2-321
- Center Tank Right Air Stop Valve Changed P/N SA32D02 S/N 3455 IAW: 1F-F1K50EMM 06-2-321
- Center Tank Left Air Stop Valve Changed P/N SA32D02 S/N 3712 IAW: 1F-F1K50EMM 06-2-321
- Feeder Tank Pressure Regulator changed P/N 1610D040101 S/N 689 IAW: 1F-F1K50EMM 06-2-311
- LH Linear Valve leaking P/N C81AA0011 S/N 1257 IAW: 1F-F1K50EMM 06-2-329
- LH Inverted flight Accumulator not holding charge P/N C18GG0021 S/N RA92 IAW: 1F-F1K50EMM 06-2-301
- Rudder Releasable Bell crank Leaking P/N 106082-03 S/N 110 IAW: 1F-F1K50EMM 04-3-307
- Left Pitch Releasable Bell crank Leaking P/N 016073 S/N 1689 IAW: 1F-F1K50EMM 04-2-314
- Left Brake Master Cylinder leaking P/N 285725 S/N U355 IAW: 1F-F1K50EMM 05-7-317
- Left Main Landing Gear Uplock Leaking P/N A75-24239-01 S/N 264 IAW: 1F-F1K50EMM 05-1-311
- Hydraulic Pressure Switch leaking P/N 1-1088-01 S/N 673 IAW: 1F-F1K50EMM 07-1-313
- Nose R/H Wheel Installed Wheel Assy: P/N A62-20217, S/N B8072 IAW: 05-5-301
- Nose L/H Wheel Installed Wheel Assy: P/NA62-20217, S/N U914 IAW: 05-5-301
- L/H Inboard Main Wheel Installed Wheel Assy: P/N 286128100, S/N F5743. IAW: 05-5-303

- *L/H Outboard Main Wheel Installed Wheel Assy: P/N 286128100, S/N F5734. IAW: 05-5-303*
- *R/H Inboard Main Wheel Installed Wheel Assy: P/N 286128200, S/N U5201 IAW: 05-5-303*
- *R/H Outboard Main Wheel Installed Wheel Assy: P/N 286128200, S/N F5798 IAW: 05-5-303*
- *L/H Inboard Brake Assembly Installed P/N 286129-302, S/N U4186. IAW: 05-7-301*
- *L/H Outboard Brake Assembly Installed P/N 286129-302, S/N U3294. IAW: 05-7-301*
- *R/H Inboard Brake Assembly Installed P/N 286129-302, S/N U2622. IAW: 05-7-301*
- *R/H Outboard Brake Assembly Installed P/N 286129-302, S/N U2772. IAW: 05-7-301*
- *System #2 Hyd Pump Pressure line Replaced for Out of Service Life. Replaced with Teflon core Line. P/N F6117 9751-20. IAW: 1F-F1K50-2-07.*
- *System #2 Hyd Pump Return Line Replaced for Out of Service Life. Replaced with Teflon core Line. P/N F0582 9127-506. IAW: 1F-F1K50-2-07.*
- *System #2 Hyd Pump Scavenge Line Replaced for Out of Service Life. Replaced for Out of Service Life. Replaced with Teflon core Line. P/NF0582 9129-643. IAW: 1F-F1K50-2-07.*
- *System #1 Hyd Pump Pressure Line Replaced for Out of service life Replaced for Out of Service Life. Replaced with Teflon core Line. P/N F6285 T2F12MST135A535*
- *System #1 Hyd Pump Return Line Replaced for Out of Service Life. Replaced for Out of Service Life. Replaced with Teflon core Line. P/N F0582 9126-498. IAW: 1F-F1K50-2-07*
- *System #1 Hyd Pump Scavenge Line Replaced for Out of Service Life. Replaced for Out of Service Life. Replaced with Teflon core Line. P/NF0582 9128-603. IAW: 1F-F1K50-2-07*
- *Emergency Hydraulic Pump Pressure Line Replaced for Out of Service Life. Replaced for Out of Service Life. Replaced with Teflon core Line. P/NF6117 TST8MTA450. IAW: 1F-F1K50-2-07*
- *Emergency Hydraulic Pump Return Line Replaced for Out of Service Life. Replaced for Out of Service Life. Replaced with Teflon core Line. P/N F0582 9130-420. IAW: 1F-F1K50-2-07*

- Replaced Guns with Ballast Counterweights, Weighing 195 LBS RH and 197 LBS LH IAW: 15-1-301

Performed the Following Non-Routine Maintenance:

- Fabricated and Replaced the Following Fuel Related Pipes. IAW: 1F-F1K50EMM-2-06.
 - F530-10330 , F530-10318 , F530-10340 , F530-10319 , F530-10326 , F530-10322 , F530-10339 , F530-10315 , F530-10316 , F530-10338 , F530-10332 , F530-10329 , F530-10334 , F530-10320 , F530-10328 , F530-10324 , F521-521 , F521-610 , F530-10334 , FB1A521-519 , F530-710 , F522-306 , F522-305 , F521-629 , F522-308 , F522-304 , F522-301 , F522-302 , F521-614 , F521-633 , FB1A521-425 , F521-626 , FB1A521-523 , FD1B521-525 , F521-531 , F521-517 , F521-514 , F521-634 , F521-516 , F521-513 , F521-515 , F521-705 , F521-706 , F521-634 , F504-101 , F504-103 , F504-629 , F726-002 , F525-501
- Fabricated and Replaced the Following Pitot Static and Pressurization Pipes. IAW: 1F-F1K50EMM-2-10/-2-07.
 - FG1E781-117 , FG1E781-121 , FG1E781-172 , FG1E781-120 , FG1E781-171 , FG2E781-168 , FG1E781-135 , F781-111 , F781-162 , F781-175 , F781-138 , FB1A781-124 , FC1C781-190 , F781-177 , F781-146 , F781-126 , F781-182 F781-150 , FG1E781-102 , F781-129 , F721-116
 FC1C781-139 , FC1C781-192 , F781-210 , F781-261 , F781-210 , F781-144 , F721-121
 F781-128 , F781-178 , F781-147 , F781-180 , FC1C781-185 , F721-132 , FA1F781-139 , FA1F781-192 , FA1F781-103 , FA1F781-184 , FA1F781-129 , F721-114 , F721-133 , F721-104 , F721-107 , F721-135 , F721-109 , F721-126
 FA1F781-101 , FA1F781-102 , FA1F781-103 , FA1F781-107 , FA1F781-108 , FA1F781-159 , FA1F781-155 , FA1F781-115 , FA1F781-167 , TN29568-155 , SN29569-178 , SN29569-160 , SN29569-198 , SN29569-215 , SN29569-218 , SN29569-240 , SN29569-278 , SN29569-268 , TN29569-155 , TN29568-238 , TN29568-203 , TN29568-178 , SN29569-192 , SN39306-170 , SN43525-123 , TN33083-176 , TN39752-100 , SN39307-230 , TN41816-156.

SN29569-98, TN29568-103.

- Replacement of Entire Fuel Systems O-Rings IAW: 1F-F1K50EMM-4 CH 6
- The Following Hydraulic Pipes changed Due to Wear or Cracking, IAW 07-0-103:
 - F752-150, F752-157, F752-158, FA1F745-150, F745-162, F745-207, FA4C741-258, F714-268, F743-131, F741-258, F741-231, F741-225, F751-418, F751-299, F751-264, F751-277, F751-397, F751-407, F751-184, F751-274

Performed the Following Avionics Component Changes:

- Transformer 24F P/N 4500 S/N 635 IAW: 1F-F1K50EMM-2-10; 10-0-109
- Compass P/N 142-2 S/N 5288 IAW: 1F-F1K50EMM IPB CH12-31-04
- Tacan P/N 568047G001 S/N 2223 IAW: 1F-F1K50EMM 08-0-104
- High Lift Control Box P/N 051125-5 S/N 697 IAW: 1F-F1K50EMM CH4-4-303
- R.P.M. Indicator P/N 64510-690-1 S/N 6245 IAW: 1F-F1K50EMM 09-1-302
- Oxygen Indicator P/N 406821-1 S/N 432 IAW: 1F-F1K50EMM 09-1-302
- Cabin Temp Controller P/N 728951-5 S/N 491 IAW: 1F-F1K50EMM 09-1-302
- VOR/ILS P/N 12T05410 S/N 3300 IAW: 1F-F1K50EMM 09-1-302
- UHF Radio P/N 9595-102-00255 S/N 5054 IAW: 1F-F1K50EMM 08-0-104
- Amplifier P/N 9595-102-01103 S/N 102 IAW: 1F-F1K50EMM 08-0-104
- Video Cassette Recorder P/N 2007200F00 S/N 101 IAW: 1F-F1K50EMM 09-1-302
- Data Transfer Unit P/N 4DTU-00001 S/N 082 IAW: 1F-F1K50EMM 09-1-302
- Radio Selector Unit P/N CP1274-0935 S/N 917 IAW: 1F-F1K50EMM 09-1-302
- Radio Controller P/N 9595-102-00214 S/N 1074 IAW: 1F-F1K50EMM 09-1-302

- GPS Receiver P/N C17003GA-01 S/N 400 IAW:1F-F1K50EMM 12-9-402
- GPS Antenna P/N 27536052 S/N 7419 IAW:1F-F1K50EMM 12-9-402
- GPS Pre Amp P/N 87272078V03 S/N 172 IAW:1F-F1K50EMM 12-9-403
- Heads Up Display P/N C19202BA S/N 511 IAW:1F-F1K50EMM 14-3-307
- Fuel Quantity Indicator P/N 710418 S/N 555 IAW:1F-F1K50EMM 09-1-302
- Azimuth Indicator P/N 573032-000 S/N 146 IAW:1F-F1K50EMM 08-0-104
- AOA Probe P/N A60T2P501 S/N 1245 IAW:1F-F1K50EMM 12-1-303
- Altimeter P/N 64140-960-1 S/N 106 IAW:1F-F1K50EMM 09-1-302
- IFF Controller P/N 30360700k S/N 479 IAW:1F-F1K50EMM 09-1-302
- Left Voltage Regulator P/N 15302-4 S/N 122983 IAW:1F-F1K50EMM-2-8
- Lighting Distribution Box P/N 13-288-513 S/N 426 IAW:1F-F1K50EMM-2-8
- Air Data Computer P/N 87232086-8 S/N 29 IAW:1F-F1K50EMM-40
- Missile Interface Unit P/N 050A115794 S/N 1518 IAW:1F-F1K50EMM-2-14
- IRS Totem 2000 P/N C18109BB03 S/N 246 IAW:1F-F1K50EMM-2-12
- Oxygen Disconnect Unit P/N 405679 S/N 793 IAW:1F-F1K50EMM 09-1-302
- Audio Warning Box P/N 100ZS01Y01 S/N 209 IAW:1F-F1K50EMM 09-1-302
- Tacan Controller P/N 562488G00 S/N 1198 IAW:1F-F1K50EMM 09-1-302
- Oxygen Failure Detector P/N 712228 S/N 1545 IAW:1F-F1K50EMM 09-1-302
- Fire Detection Box P/N 3454 S/N 690 IAW:1F-F1K50EMM-2-8
- T.R.U. Left P/N F11PA3121 S/N 1287 IAW:1F-F1K50EMM 09-1-302
- Slat/Flap Box 92C P/N 051125-05 S/N 697 IAW:1F-F1K50EMM 09-1-302

I certify that this aircraft has been inspected on 17 December 2020. A&P inspection was performed in accordance with the FAA/FSDO approved inspection program titled Draken International, LLC, Aircraft Inspection Program, Dassault Mirage F-1 B/BE/CE/DJ/EE/EJ, dated 5/21/20, and found to be in a condition for safe operation.

 PRINTED NAME: James Welch

TYPE and CERTIFICATE NO: Airframe and Powerplant 

DATE: 17 December 2020

N567EM

Airframe Logbook Entry

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Version: 1

DRAKEN

Airframe Make & Model
Dassault F-1EEM Mirage

WO#

Date
02-May-2021

Airframe Serial Number
56

Work Performed By

Airframe Hours
4638.80

Operator
Draken

Airframe Landings
3872

— Performed the Following Non-Routine Maintenance —

01. DCS - AIRCRAFT ENTERED INTO PUBLIC USE (PAO) STATUS FOR NEXT MISSIONS PER AC 00-1.1B - AIRCRAFT ENTERED INTO PUBLIC USE (PAO) STATUS FOR NEXT MISSIONS PER AC 00-1.1B

Technician	License / Cert #	Signature	Date
Inspector Jon Brassfield	License / Cert # A&P [REDACTED]	Signature [REDACTED]	Date 02-May-2021

DRAKENEngine Make & Model
ATAR09K50A

WO#

Date
24-Apr-2021Engine Serial Number
19822

Work Performed By

Engine Hours
640.10Operator
Draken

— Performed the Following Non-Routine Maintenance

01. DCS - High power engine run required due to engine install - High power engine run complied with IAW 1F-F1K50EEM-2-06. No defects noted.

Technician	License / Cert #	Signature	Date
Inspector Thomas Garrett			24-Apr-2021

N567EM

Airframe Logbook Entry

15 - 1/1

Version: 1

DRAKENAirframe Make & Model
Dassault F-1EEM Mirage

WO#

Date
23-Apr-2021Airframe Serial Number
56

Work Performed By

Airframe Hours
4636.80Operator
DrakenAirframe Landings
3870

— Performed the Following Non-Routine Maintenance —

01. DCS - ENGINE REMOVED FOR NDT INSPECTION - REINSTALLED ENGINE IAW F-F1K50-2-06, 06-4-301A. IPI C/W BY OLIVER LADAGA.

This piece of equipment is Returned To Service and is in Serviceable condition IAW 1F-F1K50EMM-2-06

Technician	License / Cert #	Signature	Date
John Steiner			23-Apr-2021
Inspector	License / Cert #	Signature	Date
Oliver Ladaga			23-Apr-2021

N567EM

Airframe Logbook Entry

14 - 1/1

Version: 1

DRAKENAirframe Make & Model
Dassault F-1EEM Mirage

WO#

Date
24-Apr-2021Airframe Serial Number
56

Work Performed By

Airframe Hours
4636.80Operator
DrakenAirframe Landings
3870

— Performed the Following Non-Routine Maintenance —

01. DCS - AIRCRAFT ENTERED INTO COMMERCIAL USE (CAO) STATUS FOR NEXT MISSIONS PER AC 00-1.1B - AIRCRAFT ENTERED INTO COMMERCIAL USE (CAO) STATUS FOR NEXT MISSIONS PER AC 00-1.1B

Technician	License / Cert #	Signature	Date
Inspector Jon Brassfield	A&P [REDACTED]	[REDACTED]	24-Apr-2021