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GMM

CAIP APPENDIX 2d Dassault Falcon 900C

DL-GMM-CAIP 2d

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1 INTRODUCTION

This section is the Continuous Airworthiness Inspection Program (CAIP) applicable to a specific aircraft maintained per the CAMP.

2 INSPECTION PROGRAM

The aircraft will be maintained in accordance with the instruction and referenced manuals for a specific aircraft.

3. MAINTENANCE MANUAL

This section includes procedural and specific instructions applicable to the:

Aircraft: **Dassault Falcon 900C**

4 REVISIONS TO THE MAINTENANCE MANUAL

All Revisions to this appendix for the Falcon 900C will be submitted to the FAA, Van Nuys FSDO, for approval.

All revisions will consist of newly issued pages that will show the date of the revision and indicate the revision number. The revisions will be numbered sequentially. The current Falcon 900C Maintenance Manual:

“As Revised”

When the Aircraft Manufacturer issues a revision to the Inspection Schedule (Chapter 5), the DOM or his designee will send the Van Nuys FSDO a copy of the change and revise the CAIP program as required.

5 Computerized Maintenance Program

The Falcon 900C Computerized Aircraft Maintenance Program (CAMP) (CAMP Systems, Inc.) will be used to track all the maintenance and inspections requirements.

6 AIRFRAME INSPECTION PROGRAM

The Falcon 900C Chapter 5 Maintenance Program was prepared by Dassault Falcon to provide operators with all information necessary to enable operators to comply with the FAR requirements to construct a suitable maintenance program. It was prepared with the intent of providing the maximum amount of flexibility for the Falcon operator. Chapter 5 contains all the requirements of the maintenance and inspection program that are recommended and prescribed by the manufacturer.

Each inspection task defined in Chapter 5 is independent of other inspections. At each inspection the DOM or his designee shall review the due list for other life-limited maintenance tasks that are coming due in the near term so they may be included in the work package if advisable to do so.

7 AIRCRAFT INSPECTION PROGRAM

The Falcon 900C Maintenance Manual Chapter 5 consists of the following sections:

- Section 00-00-00 SCHEDULED MAINTENANCE: Maintenance Planning Document
- 05-00-00 General - The MPD has the sections that follow:
 - Scheduled Maintenance checks: The tasks in this section are mandatory. This section contains all programmed maintenance operations and frequencies to be carried out on the Aircraft.
 - Manufacturer Time between Overhaul/Scrap: This section lists all frequencies of Overhaul/Scrap time given in flying hours, calendar time or cycles as noted.
 - Life Limited Components:
- Section 05-10-00: AIRCRAFT MAINTENANCE OPERATIONS - This Section contains Certification Maintenance Requirements which are mandatory fixed intervals maintenance task requirements established during the Aircraft certification. Newly issued requirements and changes to existing requirements become effective by new revisions.
- Section 05-15-00: CORROSION PREVENTION AND CONTROL PROGRAM (CPCP). This section centralizes all the information necessary for the operators concerned to build their customized CPCP. All maintenance operations listed in 05-15 are already scheduled in sections 05-10 and 05-20.
- Section 05-20-00: Manufacturer COMPONENT MAINTENANCE OPERATIONS – This section provides a list of installed components subject to scheduled maintenance; checks and inspections, including required Overhaul/Restoration and Discard time and the interval at which the task must be performed and repeated. Included in this section are Hydrostatic Testing of Bottles for all Cylinders (DOT Specification) including spheres that must be inspected and tested as required by Title 49 CFR, part 180, section 180.205.
- Section 05-40-00: AIRWORTHINESS LIMITATIONS – This Section contains instructions pertaining to Airworthiness. These instructions apply to components and systems designed and approved by DASSAULT AVIATION and included in the aircraft type design. The tasks and intervals specified are mandatory and cannot be changed, escalated, or deleted without the concurrence of the responsible Aircraft Certification Office (FAA). The Intervals times cannot be changed by Falcon Operators.
- Section 05-50-00: UNSCHEDULED MAINTENANCE CHECKS – This Section lists those maintenance requirements or inspections on aircraft which are dictated by special or unusual conditions. This Section provides information for performing special inspection requirements such as after a hard landing or lightning strike.
- The current approved Maintenance Manual will be used in conjunction with this CAIP to provide detailed inspection techniques and maintenance procedures for individual tasks. All inspection intervals identified in the Falcon Maintenance Manual and the Instructions for Continued Airworthiness are tracked by CMP. When hourly, landing cycle, or calendar limited inspections come due, a work order, as described in the General Maintenance Manual, will be issued and compiled by the DOM or his designee and provided to the appropriate persons performing the maintenance. In the

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event that a contract agency compiles the work package, the DOM or designee will assure that all required inspection and maintenance items are included. Upon completion of the work package, all maintenance records generated will be retained in the office of the DOM. The CAIP incorporates the latest revision of the Falcon Maintenance Manual. When an inspection or inspection task is scheduled, the agency performing the inspection will utilize the latest revision of the Falcon Maintenance Manual and the Continuous Airworthiness Inspection Program. The completed work package will be maintained in the maintenance office. Individual Inspection Task accomplishment will be documented on the Falcon Computerized Aircraft Maintenance Program (CMP) work item card.

8 ENGINES INSPECTION PROGRAM

The following engine inspection schedule has been incorporated into the program from the latest revision of the engine manufacturer.

Honeywell Current Maintenance Publications are as depicted in the following table:

Honeywell Maintenance Data for Falcon 900C		
Publication	Publication Reference	Revision
Service Bulletin (Periodic Inspection Intervals)	731-72-3263 Table 4	"As Revised"
Light Maintenance Manual	TFE731 LMM 72-00-96	
Illustrated Parts Catalogue	TFE731 IPC 72-02-95	
Service Life Limits Service Bulletin	TFE731-72-3001	

Maintenance Program

- The periodic inspection requirements and/or procedure, as outlined in the TFE731-5BR-1C Honeywell Light Maintenance Manual (LMM) & (HMM) constitute the primary maintenance process for the engine and are an integral part of the overall TFE731-5BR-1C progressive engine maintenance program. Recommended periodic inspection requirements are listed in the applicable LMM, Section 72-00-00, Inspection/Check. The manual is developed under the guidelines of the Air Transport Association (ATA). This program of manufacturer's recommendations consists of installed engine repetitive visual inspections of the engines external and internal components, specific maintenance checks and tasks, a performance trend monitoring program and compliance with the service life limits as well as compliance with applicable manufacturer's service bulletins.
- The replacement intervals for life limited parts must take precedence over all maintenance actions contained in the Engine Maintenance Program. The inspection and maintenance intervals in Falcon Maintenance Manual

05-10-00 are subject to the engine cycle life or hourly parts limits as described in Table 10 Service Life Limits for Critical Components listed in Honeywell Service Bulletin TFE731-3001.

- Individual Inspection Task accomplishment will be documented on the Computerized Aircraft Maintenance Program (CAMP) work item card
- The Light Maintenance Manual will be used in conjunction with this CAIP to provide detailed inspection techniques and maintenance procedures for individual tasks. Individual Inspection Task accomplishment will be documented on the Falcon 900C Computerized Aircraft Maintenance Program (CAMP) work card.

Maintenance Program- Shop Level Requirements

- Table 4 in Honeywell Service Bulletin TFE731-72-3263 contains significant time or cycle driven shop level maintenance actions which are recommended to be performed if the engine is removed from the aircraft for any reason.

Maintenance Program- Shop Mandatory Inspection Requirements

- This procedure is used to identify specific pieces or parts that require mandatory inspections that must be accomplished at each exposure in a Honeywell authorized overhaul facility, using the applicable chapter referenced in TFE731-5BR Light Maintenance Manual 72-02-96 for inspection requirements. The inspection requirements listed in the LMM are not required for any piece or part exposure resulting when the engine remains on-wing while performing chapter 72-00-00 maintenance practices.

9 APU INSPECTION PROGRAM

A general inspection for leakage at fittings, security of component part attachment, chafing of wiring harness and obstructions at inlet and exhaust areas shall be made at each inspection interval. Inspect tubes for chafing, cracks, signs of corrosion, or other damage. The approved Honeywell Engine Maintenance Manual 49-24-02 will be utilized for maintenance information along with this CAIP to provide detailed inspection techniques and maintenance procedures for individual tasks. Reference Honeywell Maintenance Manual 49-24-02. Individual inspection task accomplishment will be documented and tracked on the Computerized Aircraft Maintenance Program (CAMP) work item card.

APU Inspection Due Items

The inspection schedule information is in the CAIP and tailored to address the specific APU of:

Aircraft: **Dassault Falcon 900C**

APU Model Number: **Honeywell GTCP 36-150F**

This APU will follow an ON-CONDITION maintenance concept. The Company will use the On-Condition maintenance concept for the GTCP 36-150F APU in lieu of a firm

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overhaul time period. The International Air Transportation Association (IATA) definition of "ON CONDITION" is: "A primary maintenance process having repetitive inspections or tests to determine the conditions of units, systems or portions of structure with regard to continued serviceability (corrective action is taken when required by item condition)"

The APU requires a Hot Section Inspection (HSI) every 4500 operating hours. All Periodic inspection requirements can be found in Honeywell Engine Maintenance Manual 49-24-02; Section 49-20-00 Table 8003.

Recommended Rotating Component Life Limits are found in Honeywell Engine Maintenance Manual P/N 49-24-02; Section 49-20-00 Table 8004

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General Maintenance Manual
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10 LISTING OF ICA's – FALCON 900C

	TITLE	ICA Doc	CAMP CODE
1	Upgrade of the Transponder System	Refer to Service Bulletin F900-354 Dated Jan 23, 2007; Completed April 2, 2007	No Additional Maintenance. To be tested every 24 Calendar months per FAR 91.413. 34-54-00-720-802-01 34-54-00-720-802-02 34-54-00-700-881-01 34-54-00-700-881-02
2	Installation of SOCATO Model 97 Three Frequency ELT P/N ELT97A2560000001 (TSO91AC126) Service Bulletin F900-230	Refer to FAA Form 337 Dated May 24, 2001	25-61-00-710-801-01 25-61-00-710-801-02 25-61-00-710-801-03 25-61-01-900-803-01 25-61-13-960-801-01
3	Upgrade Existing Transponders to support Flight ID	Refer to Service Bulletin F900-354 Dated Jan 23, 2007	No Additional Maintenance.
4	Installation of TCAS version 7.1	Refer to STC ST00881WI-D Modification of Collins TCAS II Dec 2, 2015	No Additional Maintenance. Refer to CAMP 345A30
5	Dassault Falcon Maintenance Manual Supplement for Mystere-Falcon 900C with Honeywell Int'l. GPS/WAAS System	Refer to Dassault Aircraft Services STC ST02967NY Doc No. F9XW-D0012-155 Rev C dated March 17, 2016	CAMP Codes NA. Refer to Field AMM & this ICA for periodic Maintenance & Inspection Tasks
6	Dassault Falcon Maintenance Manual Supplement for Mystere-Falcon 900C with Honeywell Int'l Flight Management System (FMS) V6.1 Upgrade	Refer to Dassault Aircraft Services STC ST02969NY Doc No. F9XW-D0046-150 Rev G Dated July 13, 2017	CAMP Codes NA. Refer to Field AMM & this ICA for periodic Maintenance & Inspection Tasks
7	Dassault Falcon Maintenance Manual Supplement for Mystere-Falcon 900C Rockwell Collins ADS-B Out System Aircraft with Honeywell Primus 2000 Avionics System	Refer to Dassault Aircraft Services STC ST02973NY Doc No. F9XW-D0013-155 Rev E Dated May 19, 2017	CAMP Codes NA. Refer to Field AMM & this ICA for periodic Maintenance & Inspection Tasks

Note: Any maintenance on the Aircraft must be done in accordance with the above ICA documents