



AIRPLANE FLIGHT MANUAL SUPPLEMENT

DASSAULT AVIATION FALCON 2000EX SERIES Blended Winglets Installation

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FAA STC No. ST01987SE
Document No. APF2-0601

This supplement must be attached to the basic Dassault Aviation Airplane Flight Manual (Document Number DGT88898 or equivalent) when Aviation Partners, Inc. Blended Winglets are installed. The information contained in this document supplements or supersedes the basic manual only in those areas listed. For limitations, procedures, and performance information not contained in this supplement, consult the basic Dassault Aviation Airplane Flight Manual or applicable appendix.

- Introduction
- Section 1. Limitations
- Section 2. Emergency Procedures
- Section 3. Abnormal Procedures
- Section 4. Normal Procedures
- Section 5. Performance

FAA Approved: _____

For Manager, Seattle Aircraft Certification Office
Federal Aviation Administration
Northwest Mountain Region/Renton, Washington

Initial Release: April 15, 2009
Revision 4: June 1, 2012



Revision Highlights

Airplane Flight Manual Supplement
Document No. APF2-0601, Code 001
Revision: 4
Date: June 1, 2012

This revision adds Weights and Loading to Section 1.

<u>Pages</u> Title	<u>Code</u>	<u>Explanation</u>
	001	Updated for Revision 4.
i	001	Updated Log of Pages for Revision 4.
1-1	001	Added Weights and Loading as Section 1.1. Sections 1.2 through 1.4 moved to page 1-3.
1-2	001	Added Center of Gravity Limits as page 1-2.
1-3	001	Sections 1.2 through 1.4 moved from page 1-1 and Section numbers increased. No text changes from Revision 3.



FAA APPROVED AIRPLANE FLIGHT MANUAL SUPPLEMENT
FOR DASSAULT AVIATION FALCON 2000EX SERIES EQUIPPED
WITH AVIATION PARTNERS, INC. BLENDED WINGLETS

MODEL Falcon 2000EX Series Airplanes

LOG OF PAGES

The following pages comprise the Aviation Partners, Inc. Airplane Flight Manual Supplement for the Dassault Aviation Falcon 2000EX series when equipped with STC No. ST01987SE.

Revision 4

Approved By:

Date: June 1, 2012

FOR MANAGER, SEATTLE AIRCRAFT CERTIFICATION OFFICE, FAA NORTHWEST
MOUNTAIN REGION.

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Applicable Airplane Serial Numbers: Airplanes equipped with STC No. ST01987SE.



INTRODUCTION

This supplement provides the additional limitations, emergency procedures, abnormal procedures, normal procedures, and performance to reflect changes necessary due to the addition of blended winglets (STC ST01987SE) to the Falcon 2000EX airplane. This supplement is used in conjunction with Sections 1, 2, 3, 4, and 5 of the basic Airplane Flight Manual and other applicable appendices.



SECTION 1 – LIMITATIONS

Limitations in Section 1 of the basic Airplane Flight Manual are unchanged by the addition of winglets except as amended herein.

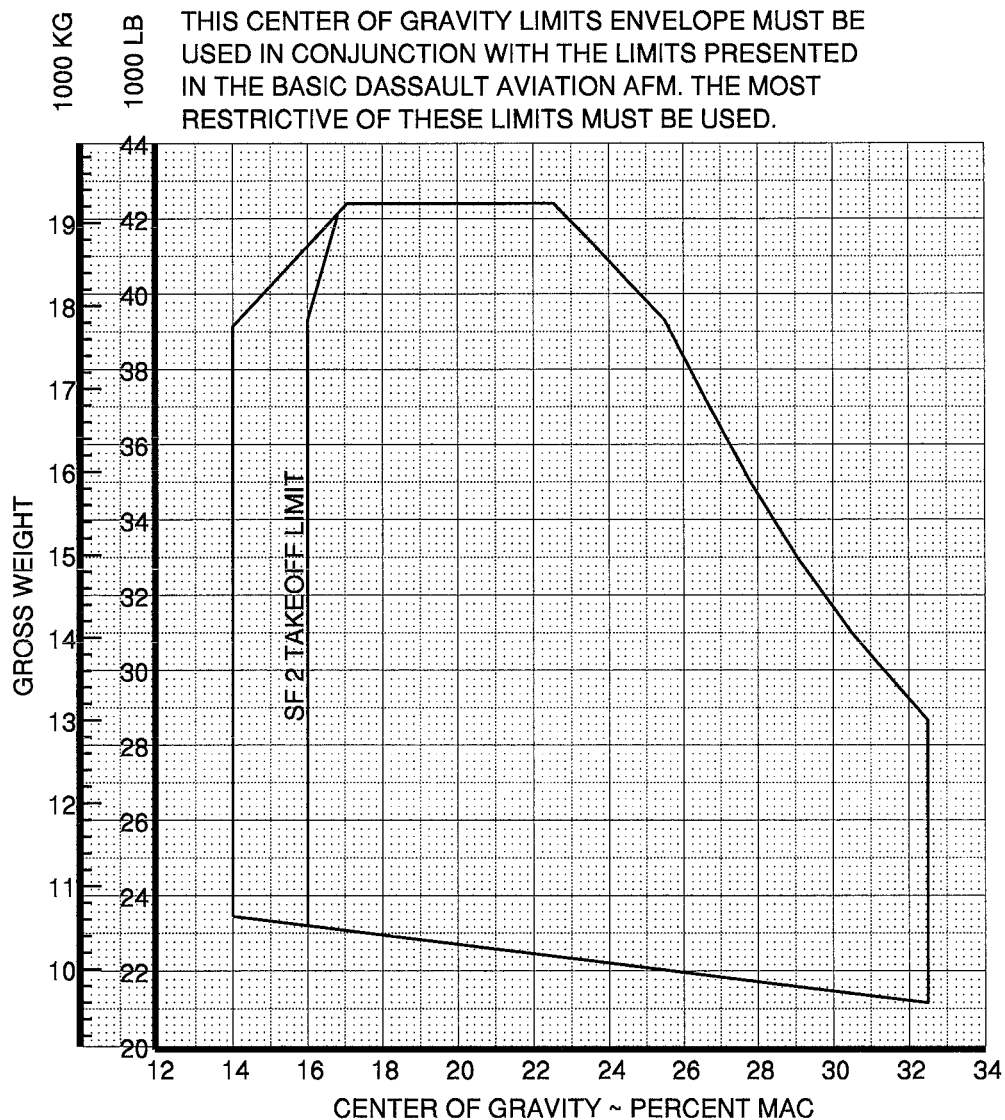
SECTION 1.1 – WEIGHTS AND LOADING

Structural limitations are unchanged by the addition of winglets.

Center of Gravity Limits are updated for SF 2 to meet trim requirements by moving the forward limit aft to 16% MAC for this takeoff flap configuration. Clean and SF 1 are unchanged from the basic AFM and limits presented there remain valid. Winglet Center of Gravity Limits are presented on page 1-2.



CENTER OF GRAVITY LIMITS





SECTION 1.2 – LUBRICATION SYSTEM LIMITATIONS

For scheduled flight durations greater than 10 hours (including time to alternate) engine oil levels must be checked and verified to be above the MIN oil level indicator line by at least 50% of the distance between MAX and MIN level indicator markings on each engine.

SECTION 1.3 – ROCKWELL COLLINS HEAD UP GUIDANCE SYSTEM (IF INSTALLED)

Manual Head up Guidance System Category IIIA (HUD3) operations are not approved for Falcon 2000 series aircraft with API winglets installed.

Existing HGS Category II (HUD2) certification categories remain valid with API winglets installed.

SECTION 1.4 – STEEP APPROACH

Steep Approach Landing is not approved for F2000EX aircraft with API winglets installed.



SECTION 2 – EMERGENCY PROCEDURES

Emergency procedures in Section 2 of the basic Airplane Flight Manual are unchanged by the addition of winglets.



SECTION 3 – ABNORMAL PROCEDURES

Abnormal procedures in Section 3 of the basic Airplane Flight Manual are unchanged by the addition of winglets.



SECTION 4 – NORMAL PROCEDURES

Normal procedures in Section 4 of the basic Airplane Flight Manual are unchanged by the addition of winglets.

Note: Winglets replace the basic airplane wing tip fairing. Any text that previously referenced the wing tip fairing is now applicable to the winglet.



SECTION 5 – PERFORMANCE

Performance presented in Section 5 of the basic AFM is applicable to Falcon 2000EX aircraft equipped with API Blended Winglets.