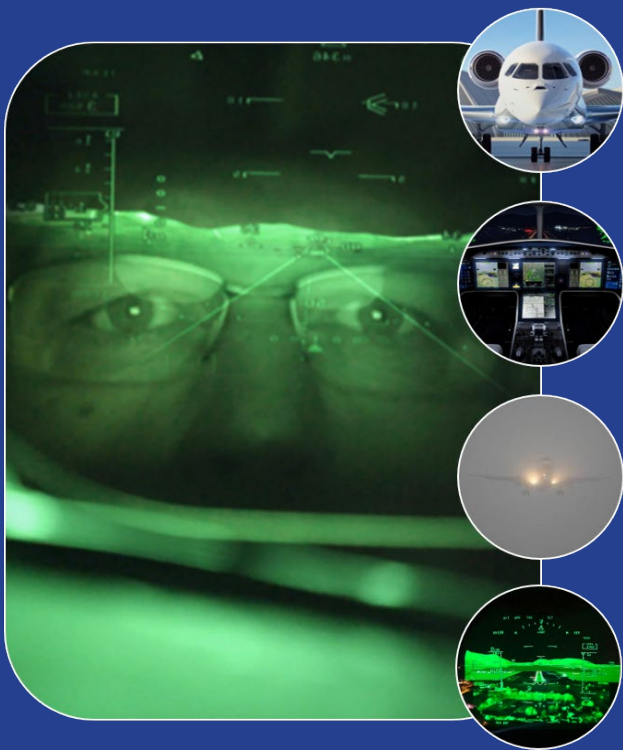


PART 91 APPLICATION GUIDE



LOA C048 EFVS Operations

Revision 8 (10/23/2024)

An operator's guide for submitting an
application for LOA C048 EFVS Operations

Inspector Guidance
FAA Order 8900.1, Volume 4, Chapter 17, Section 1

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Section 1 | Overview and Instructions

1.1 Overview

This guide facilitates the preparation and processing of a part 91 operator's application for LOA C048 to conduct EFVS operation(s). The application may be used to request FAA authorization for LOA C048 for EFVS operations to touchdown and rollout under § [91.176\(a\)](#), to request an optional LOA C048 for EFVS operations to 100 feet above the touchdown zone elevation under § [91.176\(b\)](#), or both operations on the same authorization. Although it is not mandatory to use this guide, it is suggested to ensure standardization in the application process and to ensure the application meets the recommendations found in [AC 90-106](#).

EFVS resources and guidance can be found on the FAA's [EFVS webpage](#).

1.2 Instructions

1. **IMPORTANT:** Schedule a pre-application meeting with an aviation safety inspector at your FAA Safety Assurance Office. The purpose of this meeting is to clarify the process and to identify the appropriate documentation that should be submitted.
2. Complete the form in Section 2.
3. Select the requested EFVS operation in Section 3.
4. Attach supporting documents identified in Section 3 to this guide.
5. Complete the text boxes in Section 4. These text boxes are provided for you to submit brief comments that may give the inspector a better understanding of your operation.
6. Forward the completed application guide to the Principal Inspector. It is preferred to submit the completed application guide electronically utilizing the Operations Approval Portal System (OAPS) or email.



Section 2 | Applicant Information

Complete the form. Failing to complete the form may result in processing delays.

Point of Contact for the Application			
<i>This is the person the FAA will contact about the contents of this application</i>			
Name:		Phone:	
Email:			
Aircraft Owner			
<i>The person / entity that is the registered owner of the aircraft</i>			
Name:			
Aircraft Operator			
<i>This is the person / entity with operational control of the aircraft (Type Complete Legal Name)</i>			
Name:		4 letter FAA Designator:	
Principle Base of Operations for the Operator			
<i>The physical address where the operator conducts business or resides</i>			
Street:			
City:	State/Province:	Country:	Postal Code:
Mailing Address for the Operator			
<i>(if different from Principal Base of Operations address)</i>			
Street:			
City:	State/Province:	Country:	Postal Code:
Responsible Person			
<i>The person assuming responsibility for ensuring the operator complies with all applicable regulations, requirements, limitations, and provisions for the LOAs</i>			
Name:		Phone:	
Email:			
Aircraft Information			
Airport Name and Identifier where the aircraft is located:			
Manufacturer:	Model:	Series:	
Reg Number:	Serial Number:		
EFVS Sensor Manufacturer and Model:	Certified Seats:	Installed Seats:	

Section 3 | EFVS Operation Request

Use this section to identify the EFVS operation(s) the operator is requesting. Applicants should include the listed documentation to avoid processing delays. Only provide the necessary page(s)/paragraph(s) to establish compliance and any additional documents the inspector identified during the pre-application meeting.

Check the EFVS Operation(s) you plan to conduct with this aircraft (Check all that apply)

Check Box	EFVS Operation(s)
<input type="checkbox"/>	EFVS Operations to Touchdown and Rollout - § 91.176(a)
<input type="checkbox"/>	EFVS Operation to 100 Feet Above the Touchdown Zone Elevation - § 91.176(b)

Documentation

The following documentation should be included in the application.

Aircraft Capability Documents:

Pages of the AFM(S) stating that your EFVS was installed in accordance with [AC 20-167](#) and is eligible for the EFVS operations requested.

Note: A valid Aircraft Statement of Capability (ASOC) may be submitted in lieu of the AFM(S) for requests to conduct EFVS operations to 100 feet above the touchdown zone elevation.

Training Documentation:

Logbook or training record endorsement for the flight crew operating the aircraft that states the pilots have been trained in accordance with § [61.66](#) for the EFVS operation(s) requested.

Note: Records for EFVS training received **before** March 13, 2018 do not require an endorsement, but must show evidence of EFVS training.

Note: If a pilot has a logbook or training record endorsement showing satisfactory completion of Supplementary Training for EFVS Operations to Touchdown and Rollout (§ [91.176\(a\)](#)) in accordance with § [61.66\(c\)](#), they must also provide evidence of previous training received for EFVS Operations to 100 Feet Above the Touchdown Zone Elevation (§ [91.176\(b\)](#)).

Note: A part 91 operator must operate their aircraft in accordance with the EFVS procedures and limitations outlined in their AFM(S). An applicant that chooses to incorporate the information found in an AFM(S) into an operations manual may do so at their discretion, but an operations manual is not a requirement for obtaining LOA C048.

Section 4 | Demonstration

An inspector reviewing this application may request a demonstration of the operator's EFVS knowledge and abilities. Observation and evaluation of the operator's ability to perform EFVS operation in an aircraft or simulator are possible but may be impractical. This phase may be conducted through tabletop exercises and/or operational monitoring if necessary. The text boxes below are provided for you to submit brief comments that may give the inspector a better understanding of your operation.

Operator Questions

(Providing detailed answers may meet the requirements of an operator demonstration)

Do you have any supplemental EFVS procedures developed outside the FAA approved training in the application? If so, can you describe them? Demonstration of these items may be required.

How do you track EFVS recent flight experience?

Identify and explain any EFVS operational limitations included in the EFVS section(s) of the AFM or AFMS.

How do you comply with the EFVS manufacturer's ICAs?

Section 5 | EFVS User Feedback



The Flight Technologies and Procedures Division EFVS specialist collects information from willing pilots via a web-form found on the FAA's EFVS webpage. There are no user names, passwords, or agreements to sign. The data submitted is anonymous and will help inform future EFVS operational credit and policy.

EFVS User Feedback web-form is located at: www.faa.gov/efvs/feedback

Do your pilots plan to use the EFVS Pilot Feedback Program? ☐ YES ☐ NO



EFVS Operations						
Date	EFVS Sensor	Airport	IAP Visibility Minimums	Actual Visibility	Obscuration Type	Did the Pilot See the Visual References
11/6/2018	Kollman EVS II	KSLN	1/2 mi	1/4 mi		No
11/6/2018	Kollman EVS II	KHRL	1800 ft	1200 ft	FG	Yes
11/8/2018	Kollman EVS II	KSLN	1/2 mi		FZFG	No
11/9/2018	Kollman EVS II	KTLH	1/2 mi	1/4 mi		Yes
12/11/2018	Kollman EVS II	KHTS	2400 ft	2200 ft		Yes
12/14/2018	Kollman EVS II	KRST	1800 ft	1200 ft	FZFG	Yes
12/26/2018	Kollman EVS II	KHTS	4000 ft	1000 ft	FZFG	Yes
2/12/2019	Kollman EVS II	KRSW	1800 ft	1400 ft	FG	Yes
6/7/2019	Kollman EVS II	KBUF	1800 ft	1200 ft		Yes
7/6/2019	Kollman EVS II	KSGF	1800 ft	1200 ft	FG	Yes

