

Enhanced Flight Vision Systems

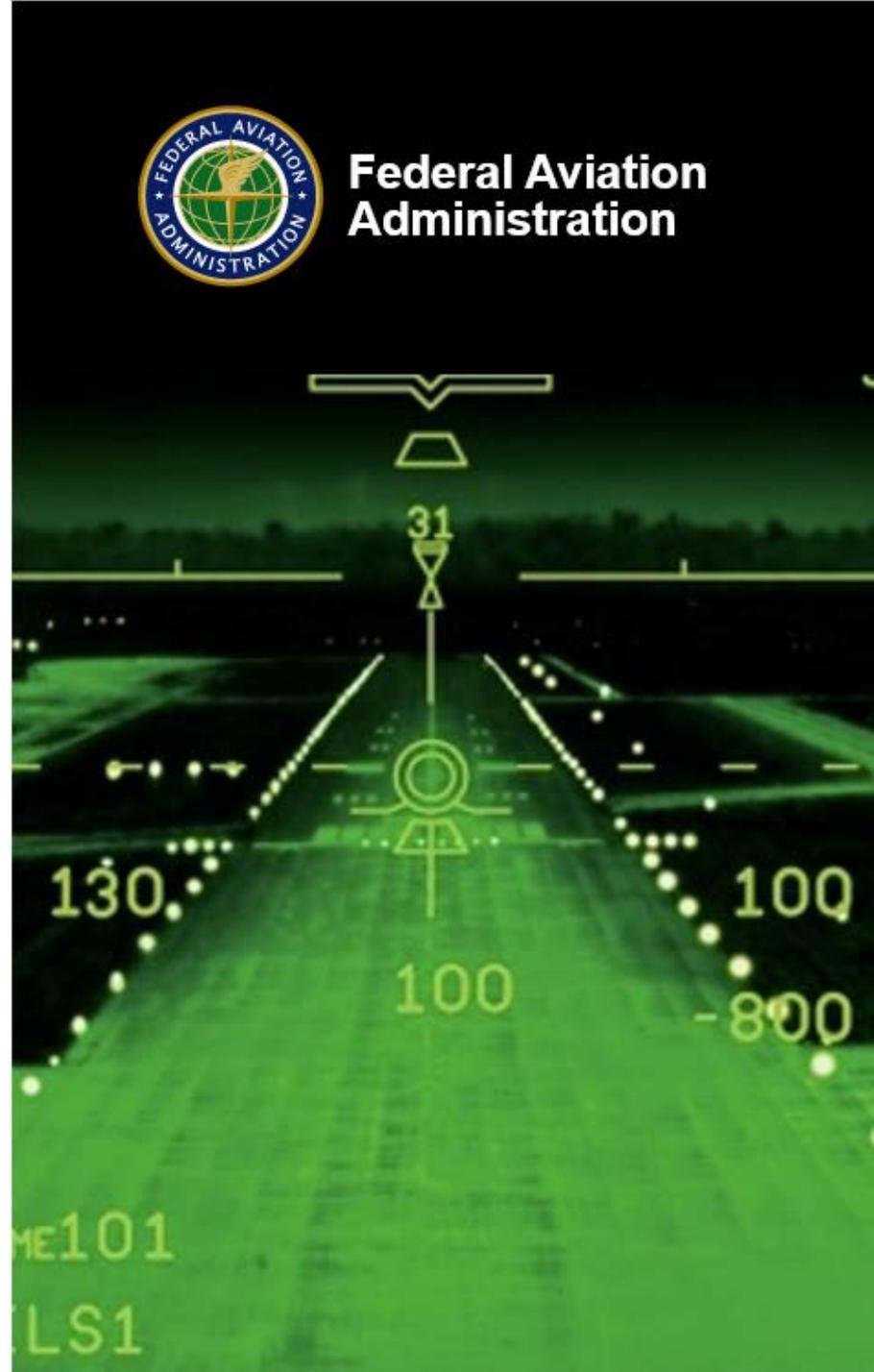
Recent Flight Experience

Provided by

Flight Technologies and Procedures Division
Flight Operations Group
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Federal Aviation
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This presentation provides a basic overview of EFVS recent flight experience. The information is not comprehensive and does not supersede FAA regulations, orders, or guidance material.

Regulatory guidance regarding EFVS recent flight experience can be found in 14 CFR, part 61, § 61.66. Additional information regarding EFVS recent flight experience can be found in AC 90-106.



EFVS Recent Flight Experience

Pilot Requirements

To manipulate the controls or act as pilot in command of an aircraft during an EFVS operation, the following must have been completed within the previous six calendar-months preceding the current date:

An approved EFVS training course

NOTE: The preamble to the EFVS final rule explains that pilots may conduct EFVS operations for six months following training.

or

At least six instrument approaches using an EFVS

NOTE: An instrument approach may be conducted during the day or night under any weather conditions. One approach must terminate in a full-stop landing.



Lapse in Recent Flight Experience

Six Calendar Months or Less

When EFVS recent flight experience has lapsed for six calendar months or less:

- Recent flight experience can be reestablished by logging instrument approaches using an EFVS.
- An EFVS operation can only be performed under the supervision of a PIC who meets all the pilot requirements of § 61.66



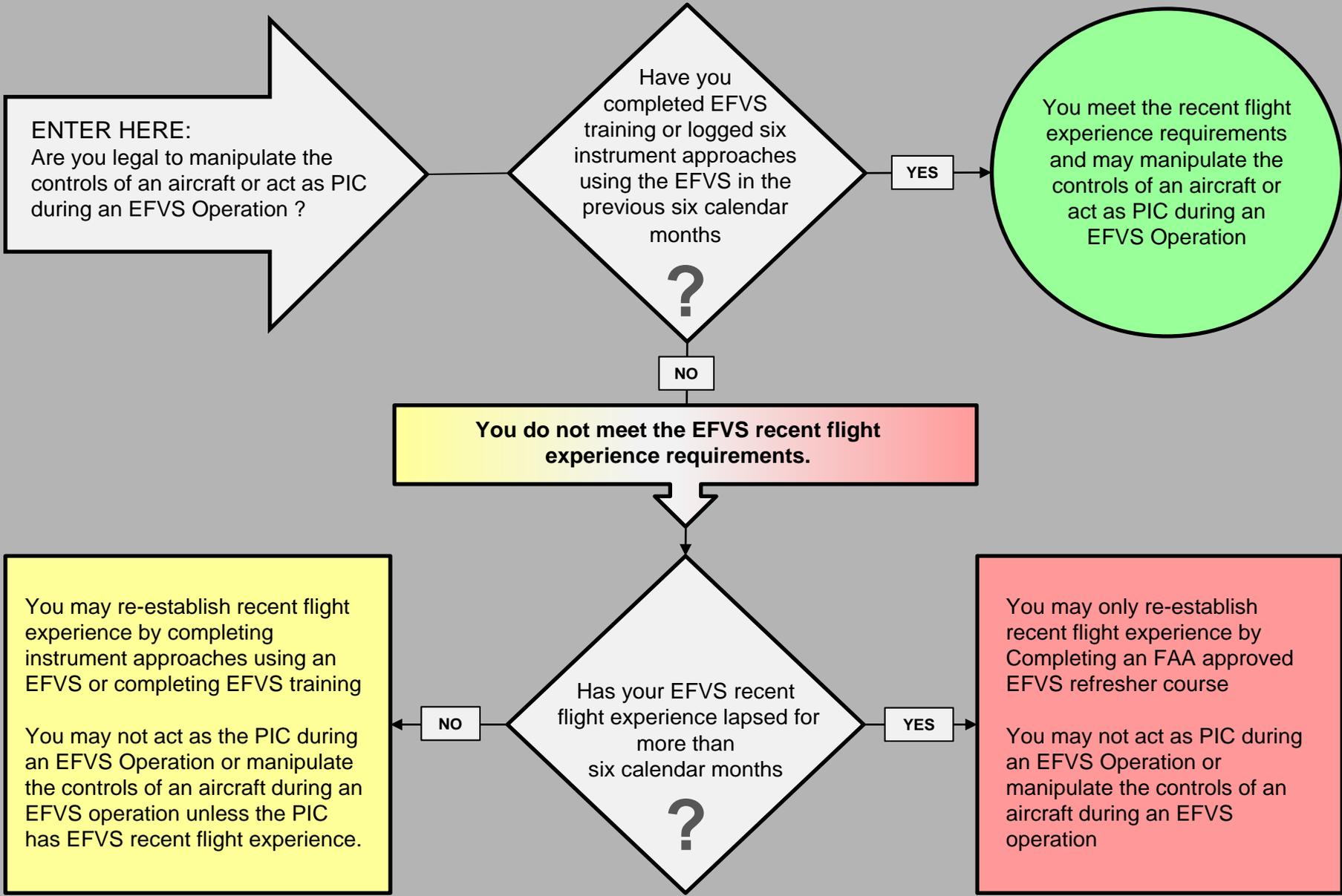
Lapse in Recent Flight Experience

More Than Six Calendar Months

When EFVS recent flight experience has lapsed for more than six calendar months, an FAA approved EFVS refresher course must be completed before conducting an EFVS operation.

NOTE: An EFVS operation requires the use of the EFVS in lieu of natural vision to meet certain visibility requirements in the visual phase of an instrument approach procedure (see § 1.1, Definitions).





Exceptions

Exceptions to the recent flight experience requirements are defined in **§ 61.66(f) and (h)** for:

- Military EFVS experience
- Accomplishing EFVS training
- Conducting an EFVS operation when recent flight experience has lapsed
- Flying for entities operating under Parts 121,125,135, or 91 subpart K

Use of a Simulator

A level C or higher full flight simulator equipped with an EFVS may be used to meet the recent flight experience requirements.



Example Scenarios

	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
#1	TRNG	1	0	1											
#2	TRNG	1	0	1	1	1	2								
#3	TRNG	1	0	1	1	1	2	0	0	1					
#4	TRNG	1	0	1	1	1	2	0	0	1	0	1	1	0	

- YES** - Pilot meets the recent flight experience requirements in April because an EFVS training course was completed in the last 6 months (Mar-Oct)
- YES** - Pilot meets the recent flight experience requirements in July because at least 6 approaches with the EFVS were logged in the last 6 months (Jan-Jun)
- NO** - Pilot does not meet the recent flight experience requirements in October because there were only 5 approaches logged in the last 6 months (Sep-Apr). Because recent flight experience has only lapsed for 2 months the pilot may continue to log approaches using the EFVS to reestablish recent flight experience.
- NO** - Pilot does not meet the recent flight experience requirements in February. Because recent flight experience has lapsed for more than 6 months the pilot must complete EFVS refresher course.



Example Scenarios

	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
#5	4	2	0	1	1	1	0	0	0						
#6	4	2	0	1	1	1	0	0	5	0	0				
#7	4	2	0	1	1	1	0	0	5	0	0	0	0	0	

- NO** - Pilot does not meet the recent flight experience requirements in Aug because there were only 3 approaches logged in the last 6 months (Jul-Feb). Because recent flight experience has only lapsed for 1 month the pilot may continue to log approaches using the EFVS to reestablish recent flight experience.
- YES** - Pilot meets the recent flight experience requirements in Nov because at least 6 approaches with the EFVS were logged in the last 6 months (Oct-May). Although the pilot entered Aug non-current, he flew enough approaches using the EFVS to regain EFVS recent flight experience.
- NO** - Pilot does not meet the recent flight experience requirements in February because there were only 5 approaches logged in the last 6 months (Jan-Aug). Because recent flight experience has only lapsed for 2 months the pilot may continue to log approaches using the EFVS to reestablish recent flight experience.



Example Scenarios

	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb
#8	4	3	0												
#9	4	3	0	TRNG ←	1	1	2	0	0						
#10	4	3	0	TRNG	1	1	2	0	0	4	3	0	0	1	

8. **NO** - The pilot does not meet the recent flight experience requirements and because recent flight experience has lapsed for more than 12 months (not shown on the table) the pilot must complete an EFVS refresher course. Although there are seven approaches flown within the past six months, the pilot would still need to complete an EFVS refresher course because her lapse in EFVS recent flight experience has mandated EFVS refresher training.
9. **YES** - Pilot meets the recent flight experience requirements in September because an EFVS training course was completed in the last 6 months (Mar)
10. **YES** - Pilot meets the recent flight experience requirements in February because at least 6 approaches with the EFVS were logged in the last 6 months (Jan-Aug)



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**For questions regarding recent
flight experience, contact the
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