

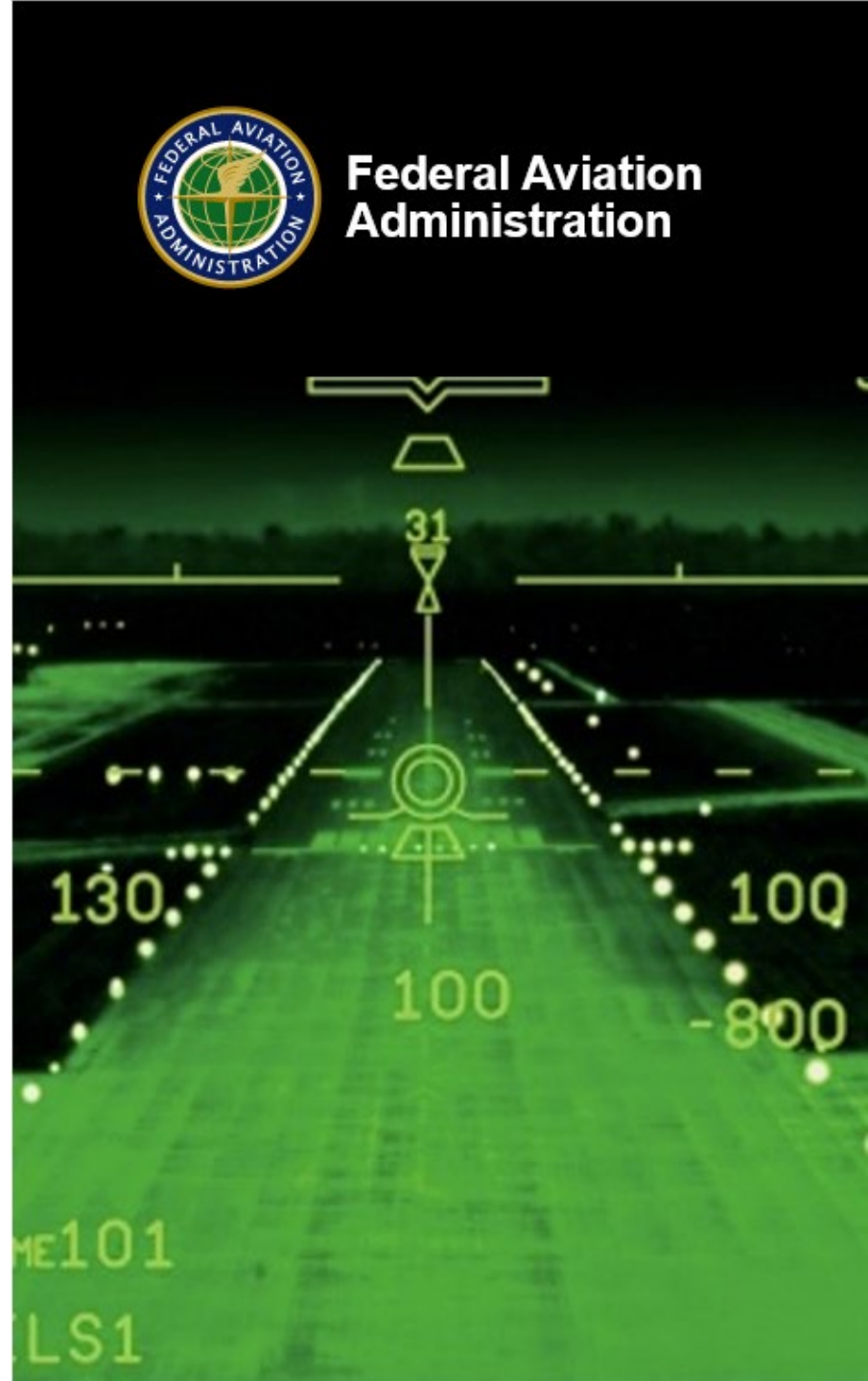
# Enhanced Flight Vision Systems Performance Feedback

Provided by

Flight Technologies and Procedures Division  
Flight Operations Group  
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Revision: Four



**Federal Aviation  
Administration**



This presentation provides information on the EFVS performance feedback application. The information does not supersede FAA regulations, orders, or guidance material.



# EFVS Performance Feedback



# EFVS performance database




- The EFVS performance database is used to evaluate the effectiveness of operational concepts as well as to identify areas where EFVS operational credit can be expanded
- It is NOT used to evaluate individual pilot performance
- The development of the database and user interface is sponsored by the Flight Technologies and Procedures Division in collaboration with the Civil Aerospace Medical Institute's (CAMI) Human Factors Research Division



# Pilot interface

- The interface was designed to allow pilots to provide the FAA with essential information about an EFVS operation that they conducted in an efficient and anonymous manner.
- The application is designed to be integrated with the technology commonly available in today's paperless cockpits.
- The user interface is a tablet application that can be utilized by a large airline or a single operator.

Cloud-based Testing Operations Performance Synergies at CAMI

   UTC: 19:18:54 Local: 15:18:54

Aircraft Type  
 [Clear](#)

Airport ID  
 [Clear](#)

Landing Time / Approach Time  
☒ UTC: Sep 17 19:17  / ☒ Local: Sep 17 15:17 [Clear](#)

Approach procedure used  
☒ ILS OR LOC RWY 10 [Clear](#)

Published RVR or Visibility minimums used  
☒ 1800 ft  or  [Clear](#)

☒ Landed ☐ Missed Approach [Clear](#)

Reason for missed approach

	Automated	Manual ?
RVR	-	<input type="text"/>
Visibility	<input type="text" value="7 mi"/>	<input type="text"/>
Ceiling	<input type="text" value="10000 ft AGL"/>	<input type="text"/>
Obscuration	-	<input type="text"/>
Precipitation	-	<input type="text"/>

Pilot Feedback

How easy was it to use the EFVS Visual Advantage app? ★ ★ ★ ★ ★

Disclaimer: The NACO approach chart is provided for visibility minimums reference only. The visibility minimums are identical to the approach chart.

# Uses for the feedback?

The tablet interface allows the FAA to collect information on sensor performance during operational flights that occur in a much wider variety of environmental conditions than possible in the certification process. Data may be analyzed to:

- Evaluate effectiveness of EFVS performance based concepts
- Consider improvements to EFVS policy based on data-driven decision making
- Improve operational reliability in low visibilities
- May facilitate operational demonstrations

# Do you want to participate?

The FAA hopes that EFVS users will recognize the mutual benefits of collecting this information and therefore participation is voluntarily. Since any one pilot might experience only a few EFVS operations in a year the hope is that a collective effort by all EFVS users will provide meaningful data to be used in future policy development for the use of operational credit. Click on the following link to sign up. <https://cbtopsaticami.faa.gov/efvs/>

Please contact the project lead if you have questions about the program.

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# EFVS

## Point of Contact