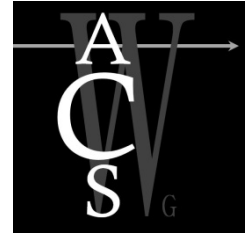


TO: David Oord, ACS WG Chair  
FROM: Jackie Spanitz, ACS Handbook Subgroup Chair  
DATE: January 10, 2025  
SUBJECT: Handbook recommendation  
Instrument Flying Handbook (FAA-H-8083-15)



On behalf of the Aviation Rulemaking Advisory Committee's (ARAC) Airman Certification System Working Group (ACSWG), I submit the following recommendations for the *Instrument Flying Handbook* (FAA-H-8083-15), intended publication date December 2025.

The draft new edition was reviewed and recommended changes and comments are attached.

Consistent with the recommendations made for the FAA Guidance Documents Vision submitted July 2 2015, we appreciate the FAA now providing a production schedule for all FAA Handbooks (FAA-H-8083 documents). Additionally, it would be helpful to know the projected timeline for the next revision (i.e. how long do you anticipate the new editions of each title to remain in effect, 2 years, 5 years, etc.). Doing so will allow the training community to plan for and update material to ensure training and testing remain correlated, as well as provide feedback in a timely way to help with continued development of this title and the other FAA handbooks.

With the Incorporate by Reference (IBR) rulemaking now in effect, we anticipate any new handbook edition will correlate directly to an ACS. The process to look something like this:

1. ACS Published – task elements define the expected knowledge.
2. Handbook Published – task elements supported with scope and breadth of ACS task elements.
3. FAA Knowledge Exams updated, supported with Change communications – public sample exams and Airman Testing Briefing describe the test changes so training and testing remain correlated.

The ACSWG and its members welcome the opportunity to provide feedback and thank you for this opportunity. Please let us know if we can provide anything further.

Sincerely,

A handwritten signature in black ink that reads "Jackie Spanitz".

Jackie Spanitz, ACS Handbook Subgroup Chair  
General Manager, Aviation Supplies & Academics, Inc.

### Instrument Flying Handbook Comments from ACS WG

Page	Paragraph	Comment	Reviewer	Date
1-4	1 Airways and Route Systems	Add information pertaining to the new Special Military Activity Routes (SMARS) for Unmanned Aircraft Operations.	JS	10/1/2025
1-15	Key 6760 - no	Enroute	GU	10/12/2024
1-24	Key 6809 - fi	Caption for Figure 1-27 contains an editorial note that needs to be addressed (Image Key 1316) and then removed from the caption text before publishing.	JS	10/1/2025
1-24	Key 6810 - fi	Caption for Figure 1-28 contains an editorial note that needs to be addressed (Image Key 1317) and then removed from the caption text before publishing.	JS	10/1/2025
1-25	Key 6812 - fi	Caption for Figure 1-29 contains an editorial note that needs to be addressed (Image Key 1318) and then removed from the caption text before publishing.	JS	10/1/2025
1-26	Key 6820 - fi	Caption for Figure 1-31 contains an editorial note that needs to be addressed (Image Key 1319) and then removed from the caption text before publishing.	JS	10/1/2025
1-32	Key 6832 - fi	Caption for Figure 1-40 contains an editorial note that needs to be addressed (Image Key 1322) and then removed from the caption text before publishing.	JS	10/1/2025
1-32	Key 6831 - fi	Caption for Figure 1-41 contains an editorial note that needs to be addressed (Image Key 1323) and then removed from the caption text before publishing.	JS	10/1/2025
1-33	Image Key 1323	Caption for continuation of Figure 1-41 contains an editorial note that needs to be addressed (Image Key 7805) and then removed from the caption text before publishing.	JS	10/1/2025
1-36	Image Key 1327	"That required capability will be listed in the PBN box."	GU	10/12/2024
1-36	Image Key 1327	will be listed first	GU	10/12/2024
2-13	Key 14754 - ol	receive. Or, 'The pilot can file a flight plan and receive an ATC clearance...'	GU	10/12/2024
2-14	Key 7041 - no	unavailable	GU	10/12/2024
2-14	Key 7032 - no	Chicago O'Hare International	GU	10/12/2024

Page	Paragraph	Comment	Reviewer	Date
3-4	Key 54126 - fi	Figure 3-3 is the incorrect image (it is a duplicate of image key 7906). The caption for Fig 3-3 is "Central vision" but the image is illustrating the night blind spot.	JS	10/1/2025
3-6	Key 54129 - fi	Figure 3-6 is the incorrect image (it is a duplicate of image key 7910). It does not match the discussion in the text or caption.	JS	10/1/2025
3-16	Key 7117 - fi	Caption for Figure 3-13 contains an editorial note that needs to be addressed (Image Key 1353) and then removed from the caption text before publishing.	JS	10/1/2025
4-6	Key 7257 - fi	Caption for Figure 4-5 contains an editorial note that needs to be addressed (Image Key 1357) and then removed from the caption text before publishing.	JS	10/1/2025
9-3	Key 33518 - no	Figure reference should be Figure 9-2, not Figure 9-21.	JS	10/1/2025
9-4	Key 33523 - no	The first three sentences in this paragraph talking about the number of satellites is very confusing. Based on my research 24 satellites are considered the minimum needed for full global coverage and at present time there are 32 satellites in the 6 orbital planes (not 24 as it mentioned). So the way those sentences are written is just not correct, I think they almost have it backwards. I would recommend moving away from the current number of satellites in orbital plane since its changing a lot, more and more all the time. I also believe where they mentioned spaced 60 degrees apart they are trying to say the satellite orbits are tilted to the earth's equator by 55 degrees to ensure coverage of polar regions.	JS	10/1/2025
9-8	Key 8689 - no	Figure reference should be Figure 9-4, not Figure 9-2.  All figure references in the text are incorrect for the remainder of the chapter. I did not call them all out from here.	JS	10/1/2025
10-3	Key 9296 - fi	Update ICAO flight plan image to just release one.	JS	10/1/2025