

# FAA Handbooks

Library of FAA Handbooks.

- [Pilot's Handbook of Aeronautical Knowledge](#)
- [Instrument Procedures Handbook](#)
- [Instrument Flying Handbook](#)
- [Aviation Weather Handbook](#)
- [Airplane Flying Handbook](#)
- [Risk Management Handbook](#)

# Pilot's Handbook of Aeronautical Knowledge

[Click here to view the FAA's 'Pilot's Handbook of Aeronautical Knowledge FAA-H-8083-25C'](#)

# Pilot's Handbook of Aeronautical Knowledge



U.S. Department of Transportation  
Federal Aviation Administration

# Instrument Procedures Handbook

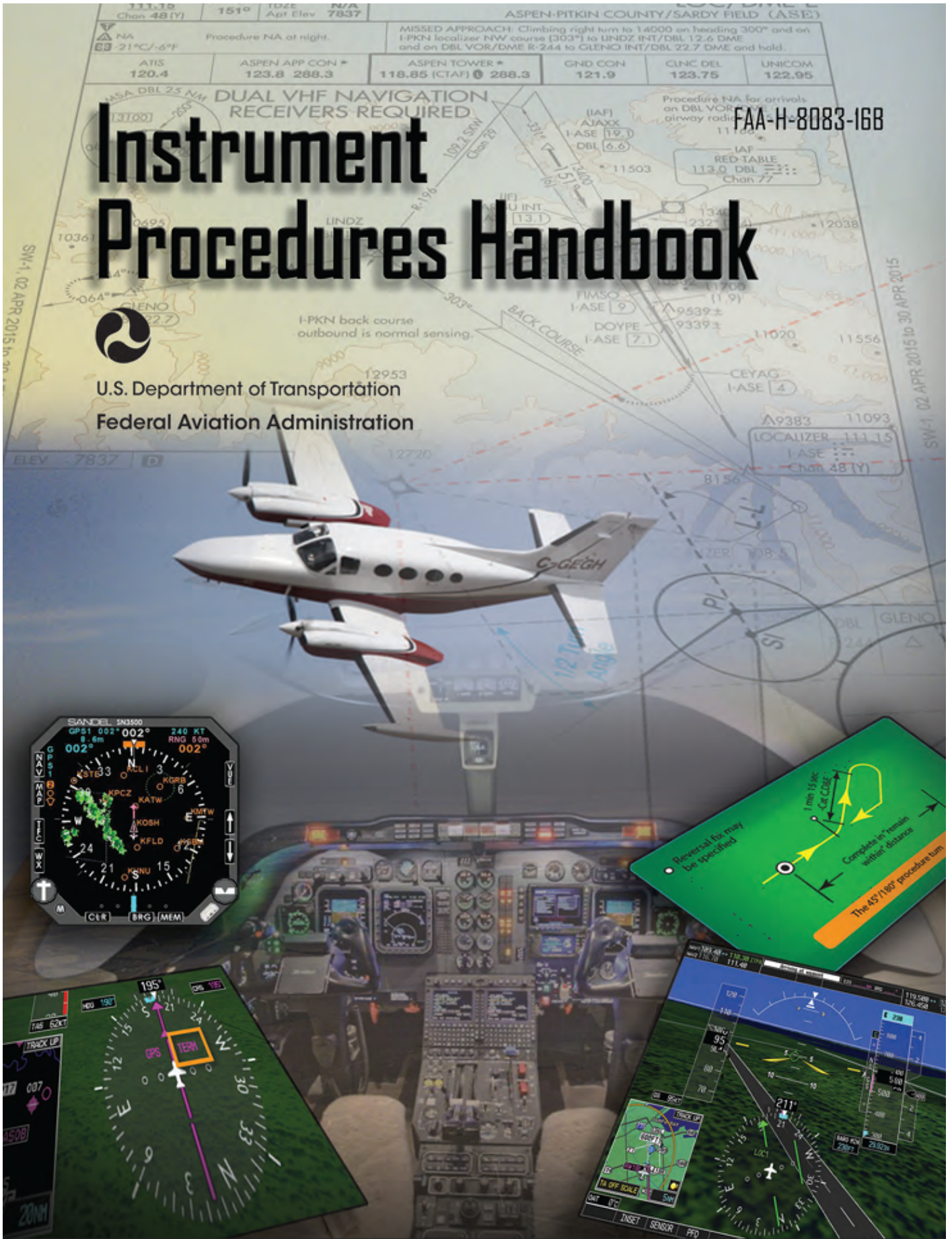
[Click here to view the FAA's 'Instrument Procedures Handbook \(IPH\) FAA-H-8083-16B](#)

# Instrument Procedures Handbook

FAA-H-8083-16B



U.S. Department of Transportation  
Federal Aviation Administration



# Instrument Flying Handbook

[Click here to view the FAA's 'Instrument Flying Handbook FAA-H-8083-15B'](#)

# Instrument Flying Handbook



U.S. Department  
of Transportation  
**FEDERAL AVIATION  
ADMINISTRATION**



# Aviation Weather Handbook

[Click here to view the FAA's 'Aviation Weather Handbook FAA-H-8083-28A'](#)

# Aviation Weather Handbook



U. S. Department of Transportation  
Federal Aviation Administration

UA /OV TRI240010/TM  
2244/FL080/TP S22T/SK OV  
UNKN-TOP100/IC NEG/RM  
BETWEEN OVC LAYERS =

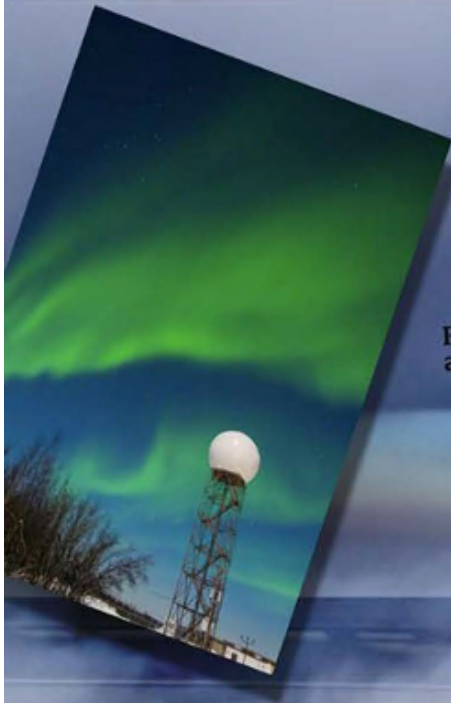
full-barb  
10 knots      half-barb  
5 knots

From the west  
at ~15 knots (~17 mph)

Flag  
50 knots

From the south  
at ~50 knots (~58 mph)

From the southeast  
at ~75 knots (~86 mph)



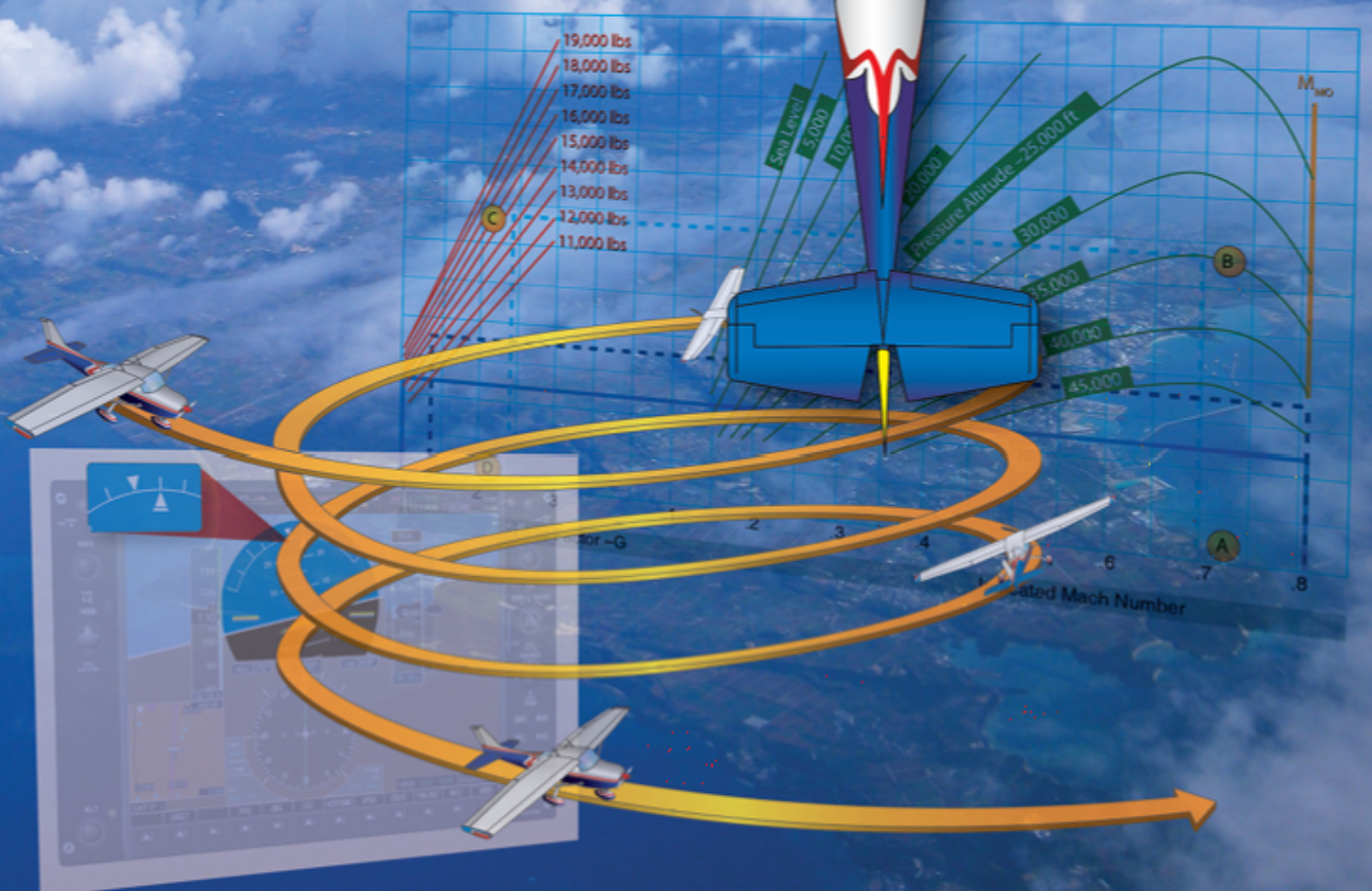
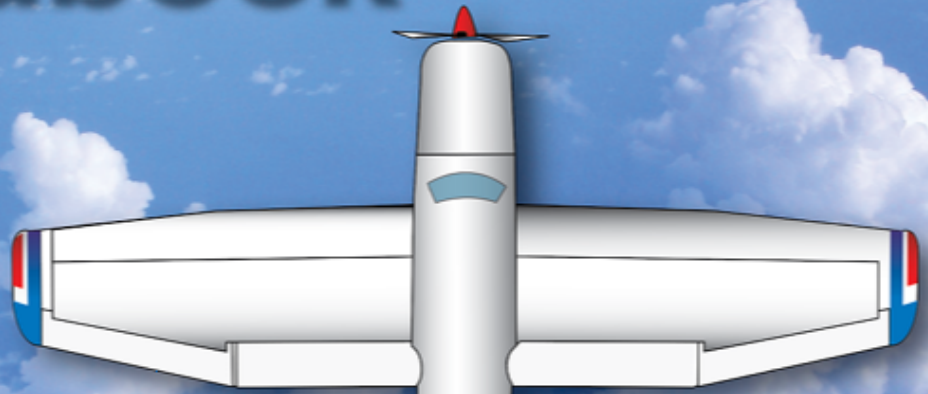
# Airplane Flying Handbook

[Click here to view the FAA's 'Airplane Flying Handbook FAA-H-8083-3C'](#)

# Airplane Flying Handbook



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**



# Risk Management Handbook

[Click here to view the FAA's 'Risk Management Handbook FAA-H-8083-2A'](#)

# Risk Management Handbook



U.S. Department of Transportation  
Federal Aviation Administration

Perceive

PAVE identifies hazards

Pilot Aircraft EnVironmental External Pressures

Process

CARE identifies which hazards are risks

Consequences Alternatives Reality External Pressures

TEAM suggests ways to manage risks

Transfer Eliminate Accept Mitigate



Hazard

Risk

Severity

Consequence

Hazard	Risk	Frequency	Severity	Consequence
Not IFR proficient	LOC	remote	catastrophic	serious
Alcohol and lack of sleep	Fatigue related errors	occasional	critical	serious
Carry full fuel	Anticipate fuel exhaustion	remote	catastrophic	serious
Not for known ice	LOC	occasional	catastrophic	high
Low performance	Overrun, LOC, or CFIT	occasional	critical	serious
Low ceilings	LOC and CFIT			

