

DEDICATED TO HELPING BUSINESS ACHIEVE ITS HIGHEST GOALS.



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- Are systemic and individual flight efficiencies possible by allowing cockpit inputs to deviate from Collaborative Decision Making (CDM) Traffic Management Initiatives (TMIs)?



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- Currently CDM is “ground centric” with primary participation from Air Traffic Control (ATC) and Airline Operations Centers (AOCs)



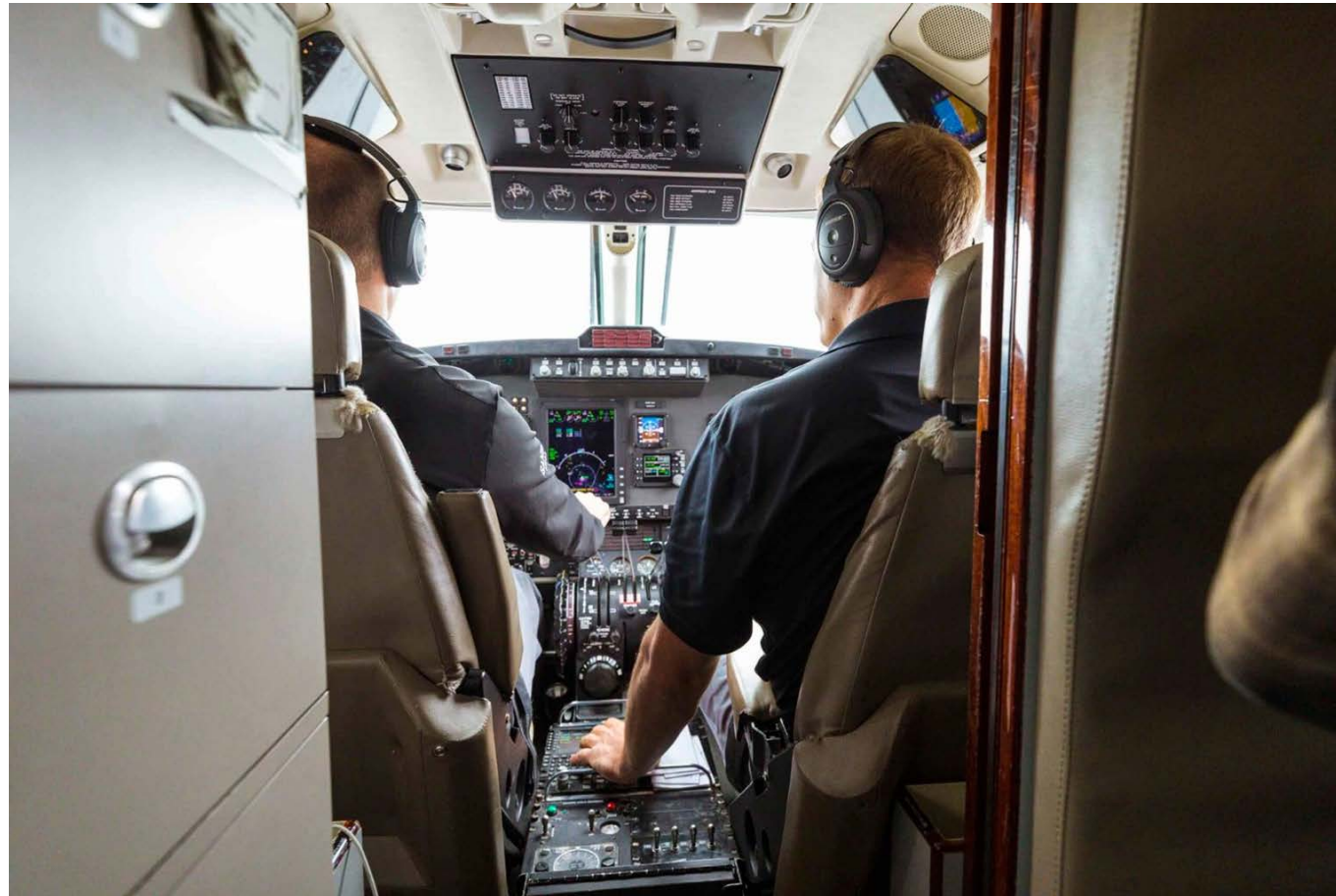
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- What coordination is required between the cockpit and AOC?



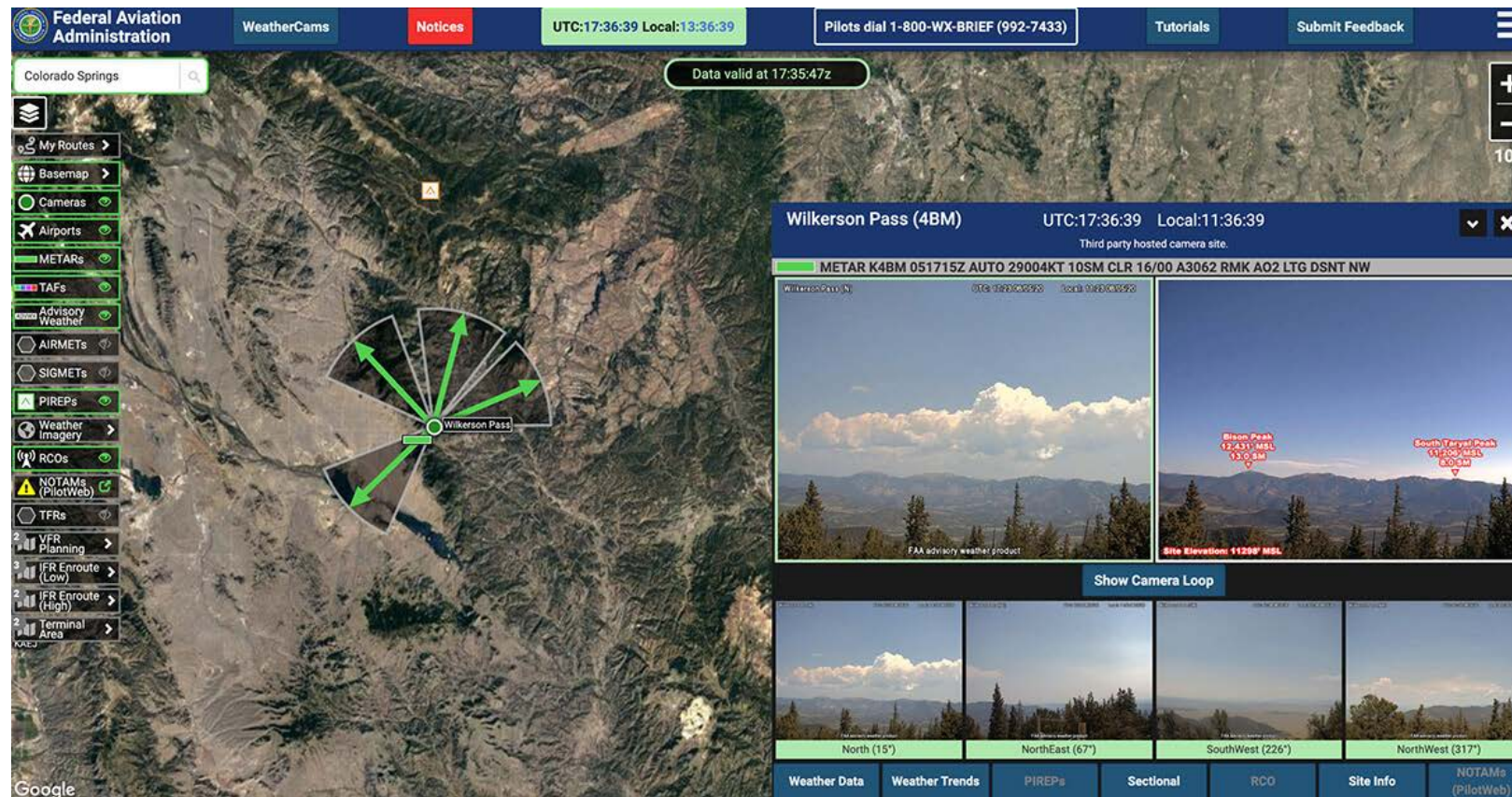
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- Cockpit participation in reroutes has been mostly limited to tactical avoidance along the current route of flight



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- With the advent of aircraft connectivity, information flow to the cockpit including real-time graphical weather updates could be a “game changer”



The screenshot displays the Federal Aviation Administration's WeatherCams interface. The top navigation bar includes the FAA logo, 'WeatherCams', 'Notices', a UTC/Local time display (UTC:17:36:39, Local:13:36:39), a contact number (Pilots dial 1-800-WX-BRIEF (992-7433)), 'Tutorials', and 'Submit Feedback'. A search bar shows 'Colorado Springs' and a 'Data valid at 17:35:47z' notification is present.

The main map area shows a satellite view of a mountainous region with a green circle and arrows indicating the location of Wilkerson Pass. A sidebar on the left lists various weather-related tools and data sources, including My Routes, Basemap, Cameras, Airports, METARs, TAFs, Advisory Weather, AIRMETs, SIGMETs, PIREPs, Weather Imagery, RCOs, NOTAMs (PilotWeb), TFRs, VFR Planning, IFR Enroute (Low), IFR Enroute (High), and Terminal Area.

The primary camera feed is titled 'Wilkerson Pass (4BM)' and shows a live view of the pass. It includes a METAR report: METAR K4BM 051715Z AUTO 29004KT 10SM CLR 16/00 A3062 RMK AO2 LTG DSNT NW. The feed also displays 'Blown Peak 12,431' MSL 13.0 SM' and 'South (Tantal) Peak 11,200' MSL 18.0 SM'. A 'Show Camera Loop' button is visible below the main feed.

Below the main feed is a 'Camera Loop' section showing four smaller camera views labeled 'North (15°)', 'NorthEast (67°)', 'SouthWest (226°)', and 'NorthWest (317°)'. At the bottom, there are buttons for 'Weather Data', 'Weather Trends', 'PIREP's', 'Sectional', 'RCO', 'Site Info', and 'NOTAMs (PilotWeb)'.

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- Broadband graphical weather to the cockpit is here, whether we plan for it or not! Airlines are equipping with:
 - Broadband pipelines to aircraft for passenger Wi-Fi
 - EFBs in the cockpit with connectivity to graphical weather



NBAA Air Traffic Services

Contact Information

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