

AOPA

General Aviation Perspective

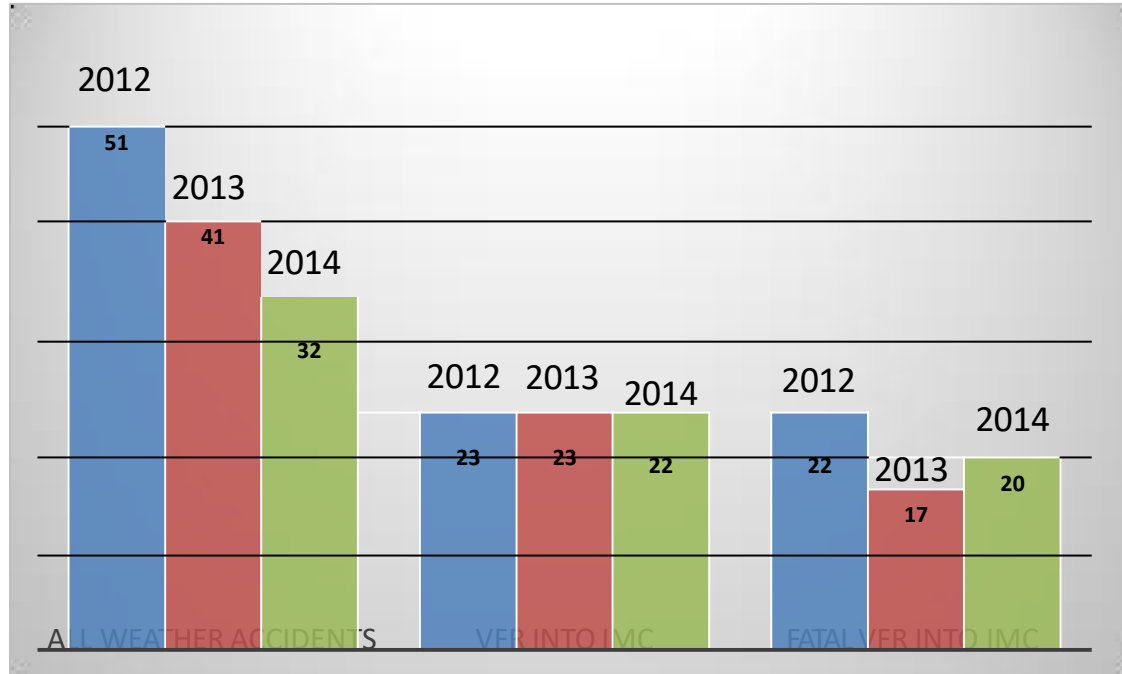
Rune Duke

**Director, Airspace & Air Traffic Services
Aircraft Owners & Pilots Association**

AOPA's 26th Annual Nall Report



- Identify accident trend for targeted education effort
- Analysis of 2014 weather accident data – VFR into IMC results in most fatalities
- Available late-summer



NTSB PIREP Special Investigation Report



- Recommendations published March 2017
 - AOPA, FAA, CAA, NATCA, Leidos
- AOPA PIREP course to be updated in 2018
- Improvements to pilot guidance
- Outreach
- RTCA Tactical Operations Committee proposed to host a working group



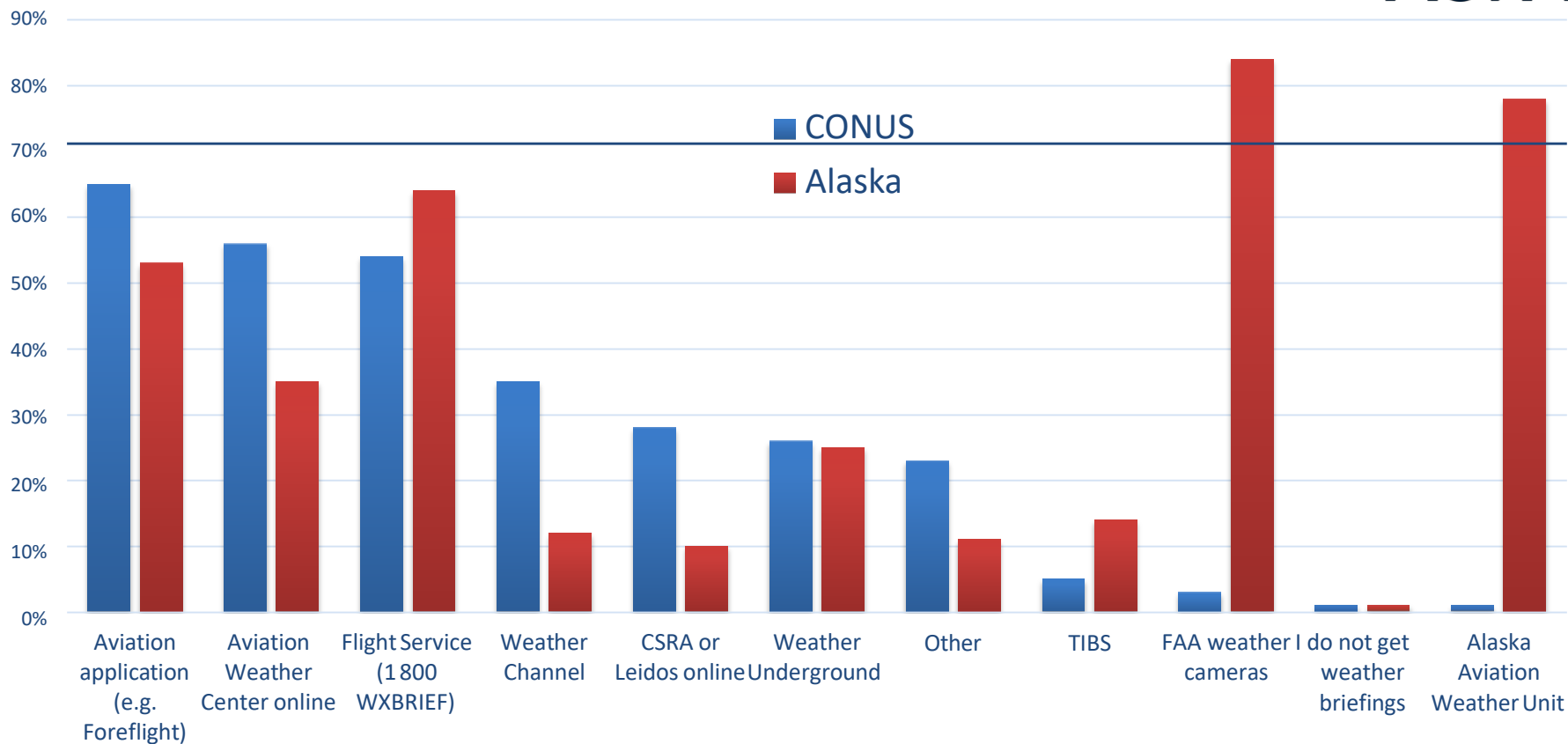
2017 AOPA Weather Survey Overview



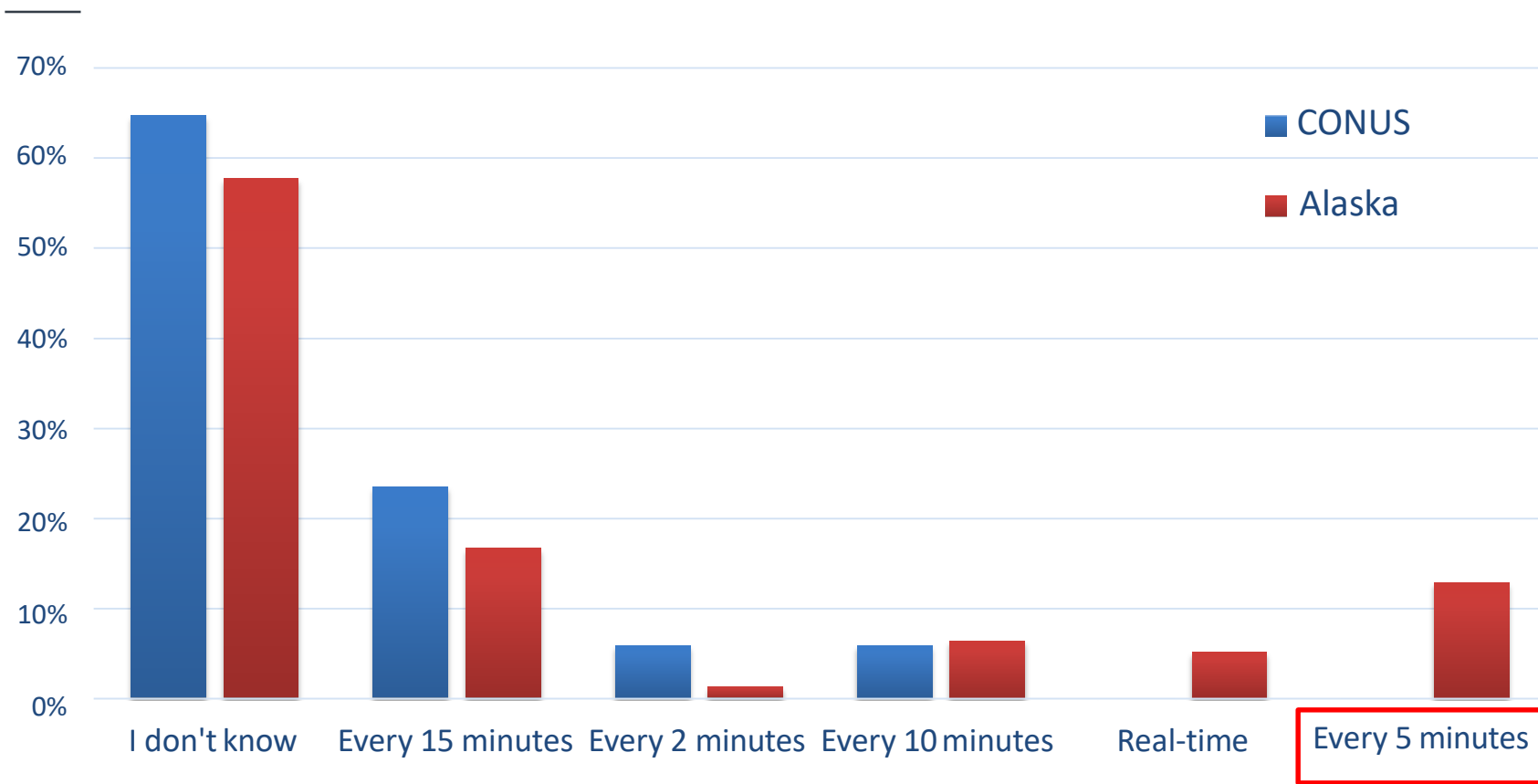
Desire to better understand GA pilot needs

- Survey emailed to medically current AOPA Alaskan members and a sample of 20,000 members in CONUS
- 28 questions
- 379 total respondents; 103 for Alaska and 276 for CONUS
- 48% instrument rated and current
- 39% have CPL or ATP
- Most pilots have held their pilot certificate at least 20 years
- 72% flew single-engine piston airplane in last year

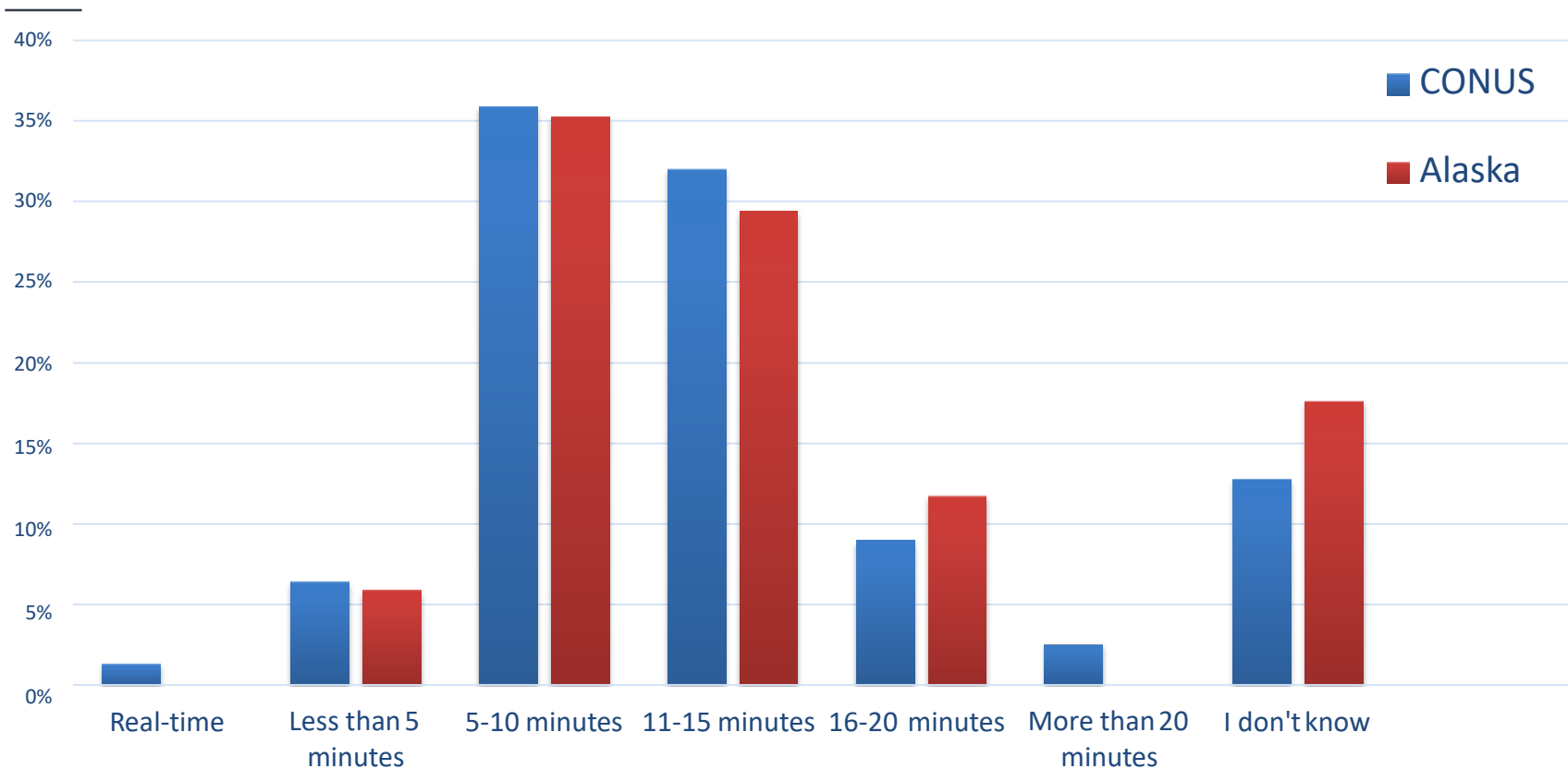
Weather source(s) used for initial weather briefing during flight planning



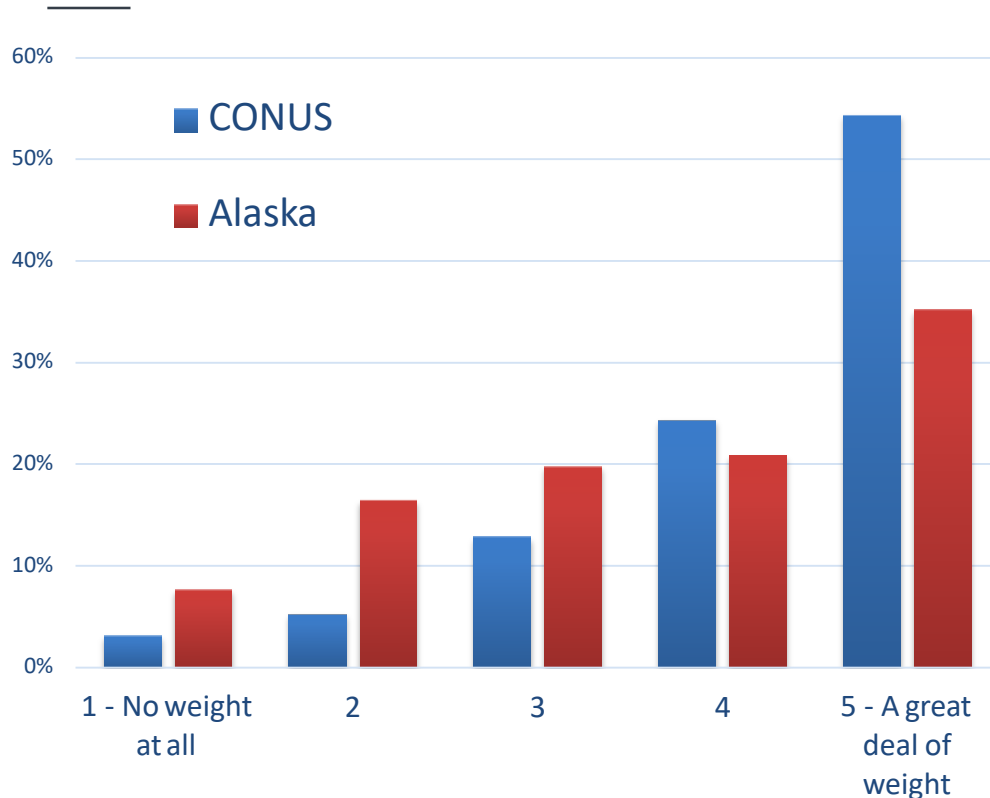
For those using FIS-B, knowledge of transmission interval for SIGMETs and AIRMETs



On average, how old do you think the NEXRAD (radar) information provided over FIS-B is?



How much weight do you typically assign a Flight Service specialist's caution that "VFR is not recommended"?

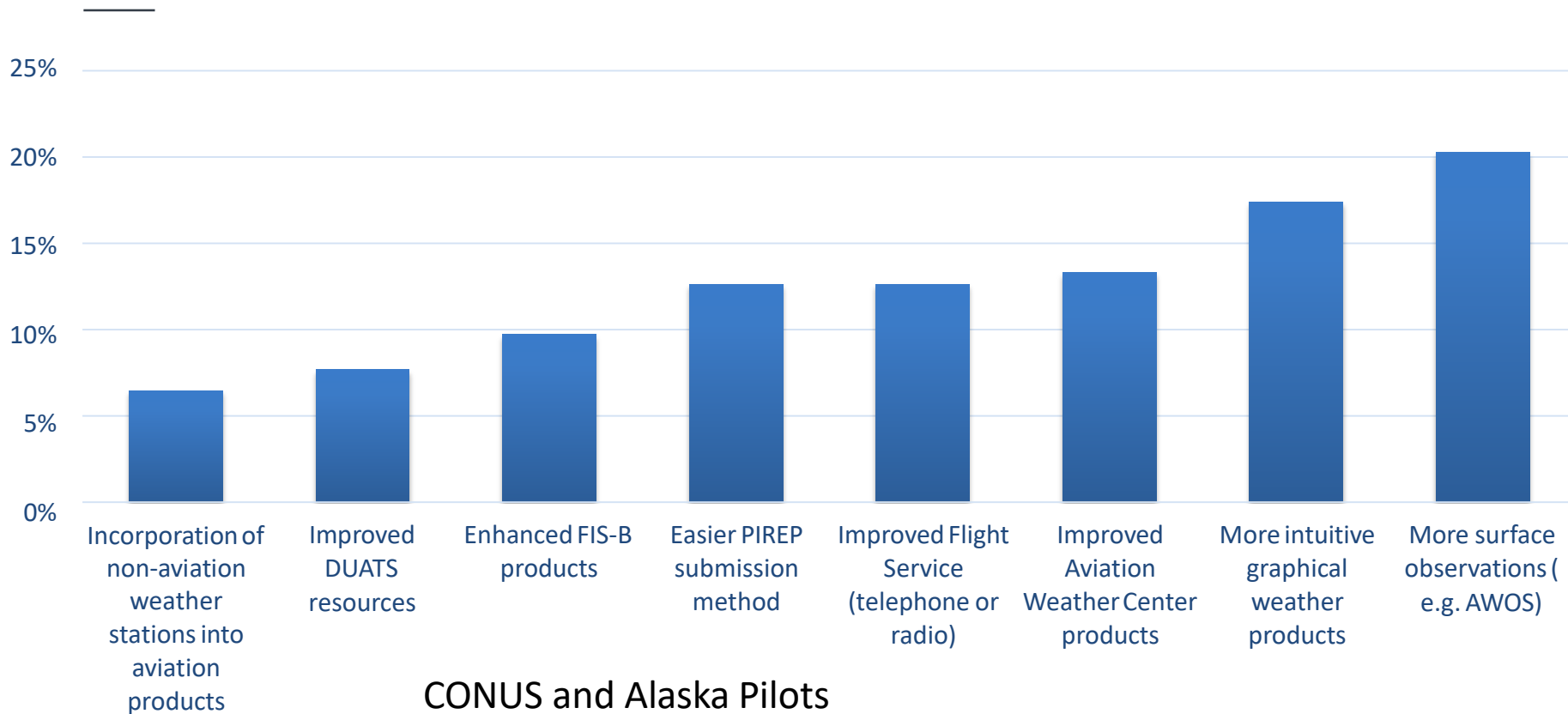


Why lower weight

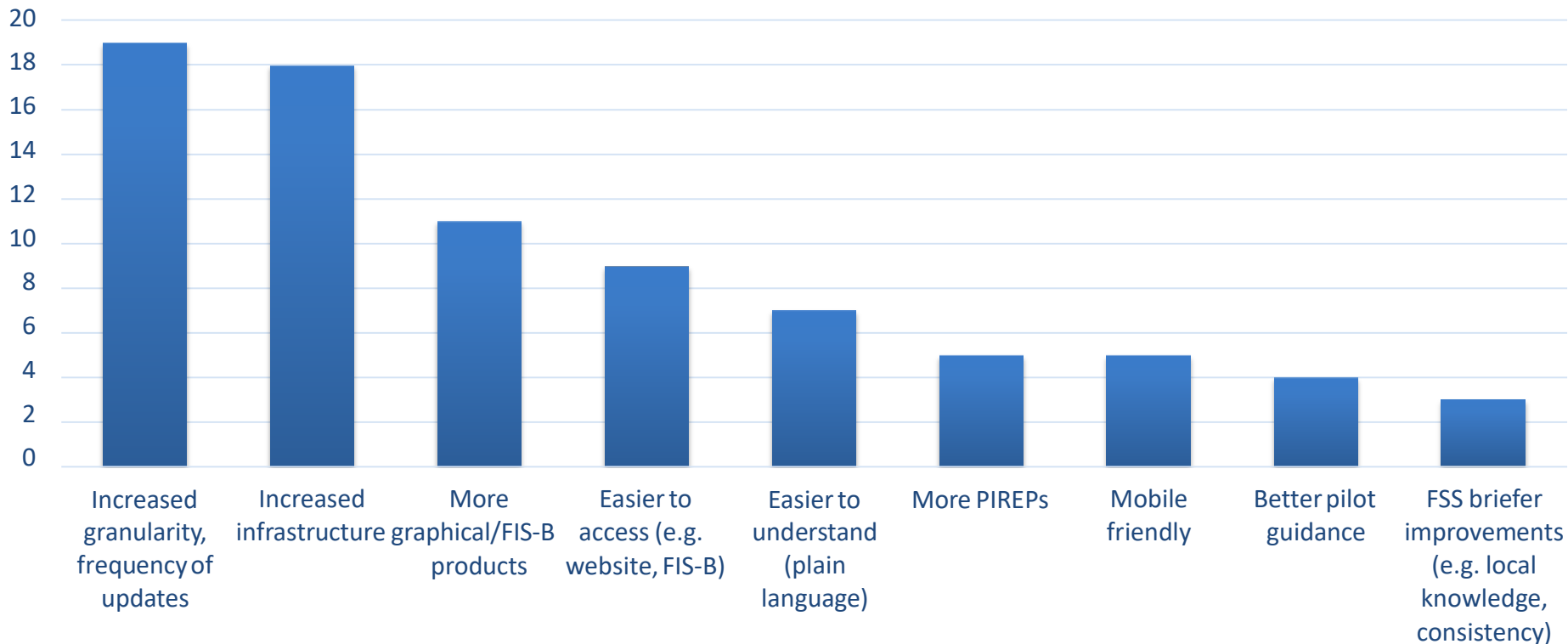
- Over used, liability reasons, can make decision without their input, briefer uses different criteria than I do

68% believe it would be moderately to extremely useful for "VFR not recommended" to be provided with a web briefing

How important would you find each of the following improvements to aviation weather products and services?



Weather Improvement Requests



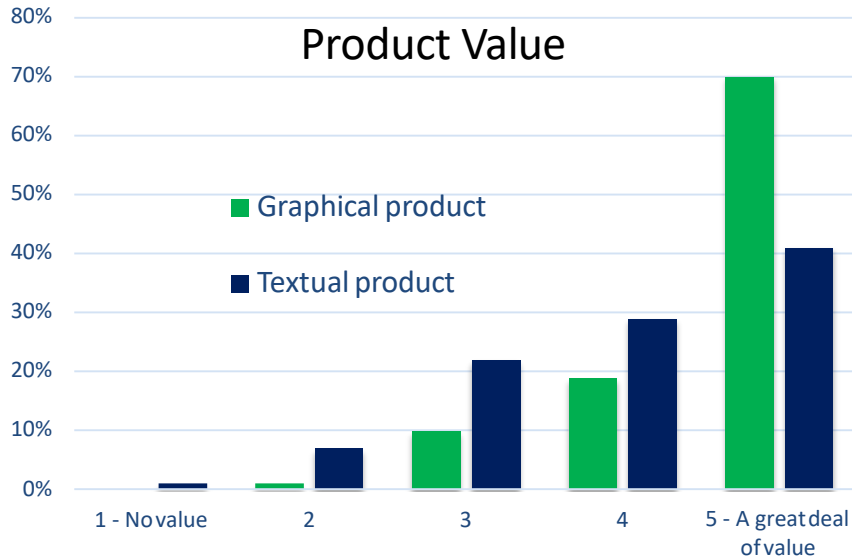
CONUS and Alaska Pilots

Comparing Graphical and Textual Products

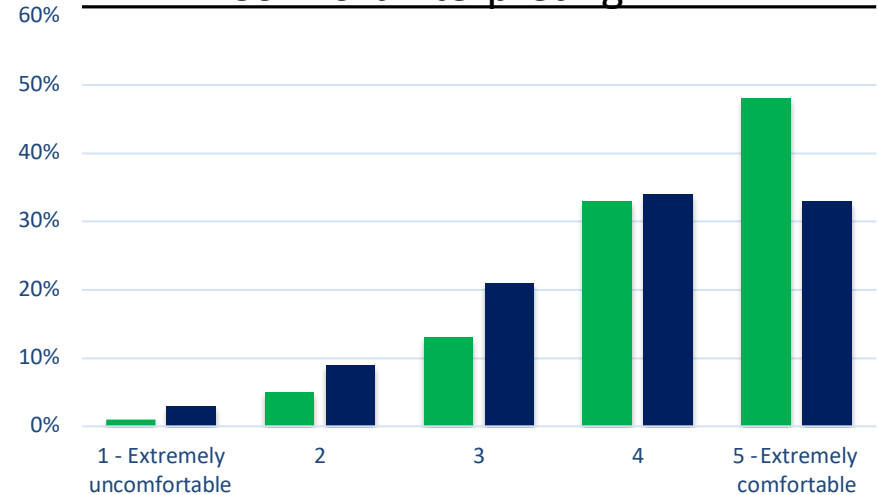


- Pilots highly desire graphical products
- Similar comfort level with interpreting graphical product

Product Value



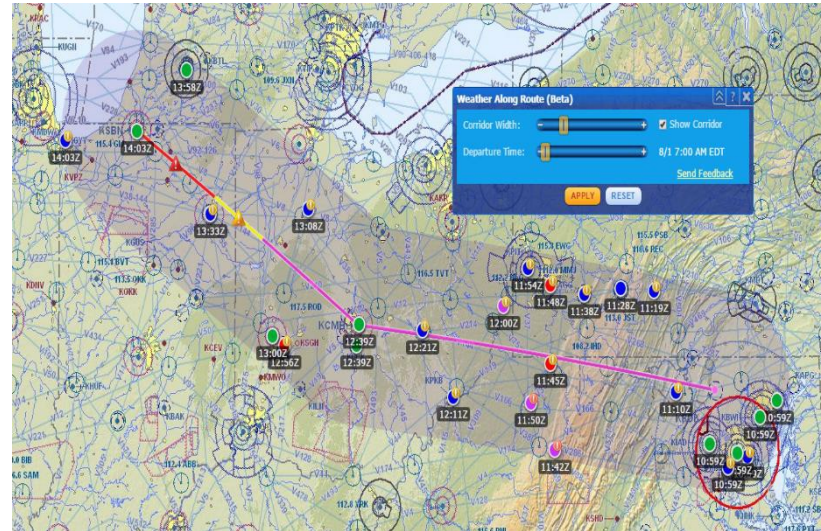
Comfort Interpreting



AOPA Pilot Education and Support



- AOPA Air Safety Institute
- AOPA Flight Planner updates
- New courses and videos
 - All videos are on YouTube and are free
 - Made possible with grant by NOAA and NWC
 - PIREP course update in 2018
- NEXRAD latency and FIS-B latency articles
- Assist WTIC with outreach and increasing pilot participation



AOPA Weather Advocacy



- Future Flight Service Program
 - Ensuring availability of briefers
 - Future of “VFR not recommended”
- Increasing awareness of FIS-B benefits
- Increasing PIREP submittals
- Improving access to surface weather observations
- Pilot surveys

AOPA

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Thank you!