



ICCAGRA Update

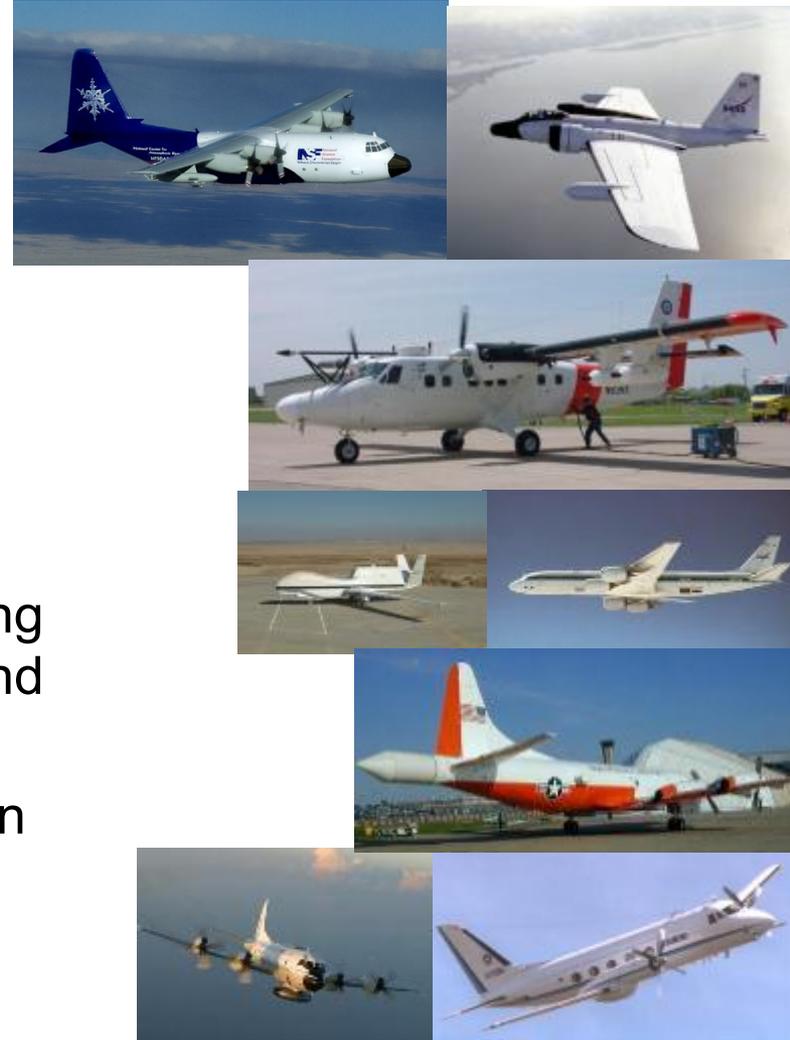
**The United States Interagency Coordinating Committee for
Airborne Geosciences Research and Applications**

Linnea Avallone (NSF) – Chair
CDR Kristie Twining (NOAA) – Vice chair

UNOLS SCOAR Meeting
June 28, 2016

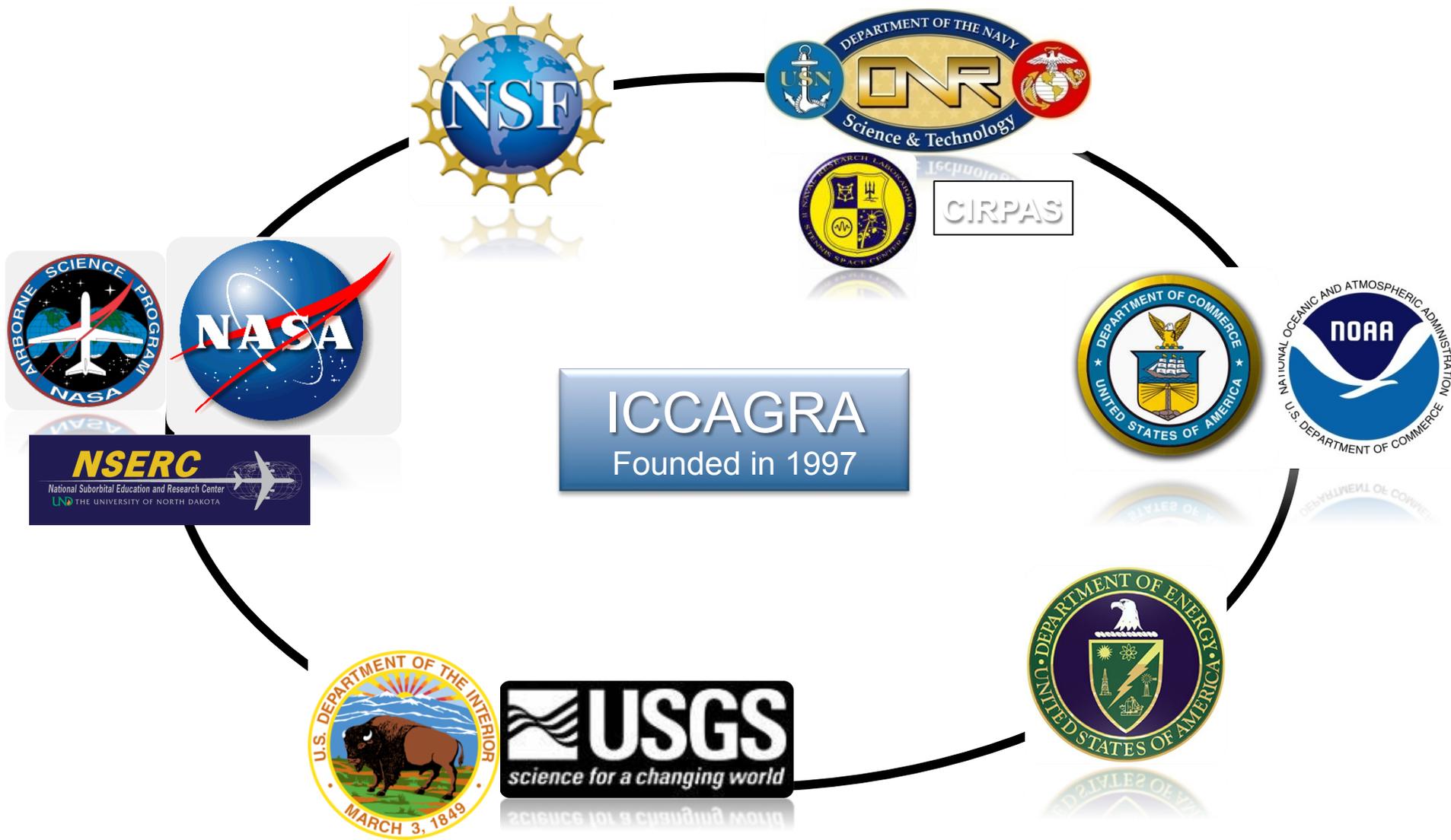
ICCAGRA Overview

- Goals of ICCAGRA
 - Improve cooperation amongst US Agencies
 - Foster awareness
 - Facilitate communication
 - Resource for senior level management
- Has no binding authority
 - Agencies voluntarily participate and voluntarily adopt standards at their own pace
 - Different from EUFAR
- Members actively involved in standardizing US and international airborne datasets and instrumentation
- Each US Agency has developed their own specialties with slight overlaps

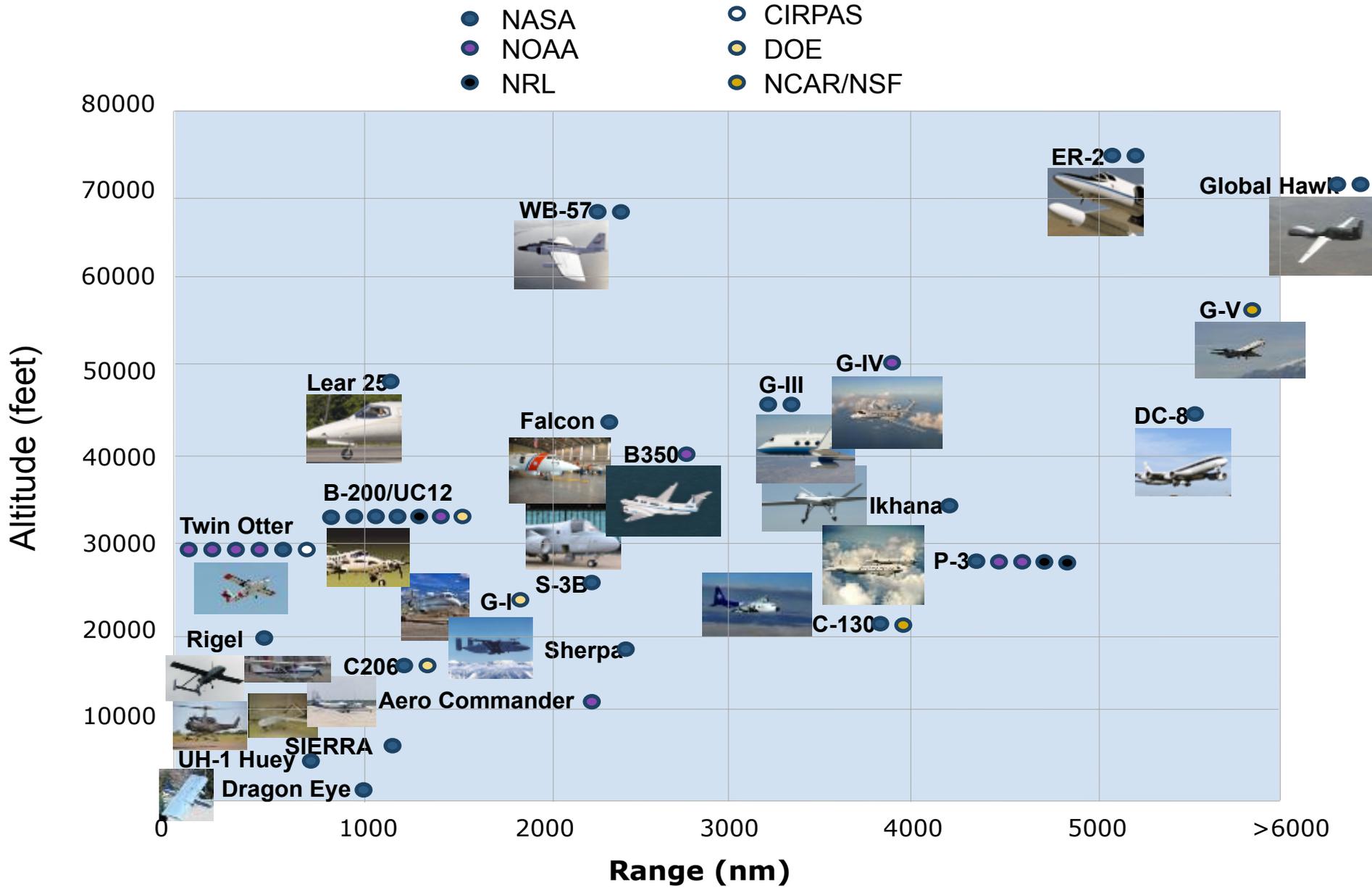


ICCAGRA Overview

Membership

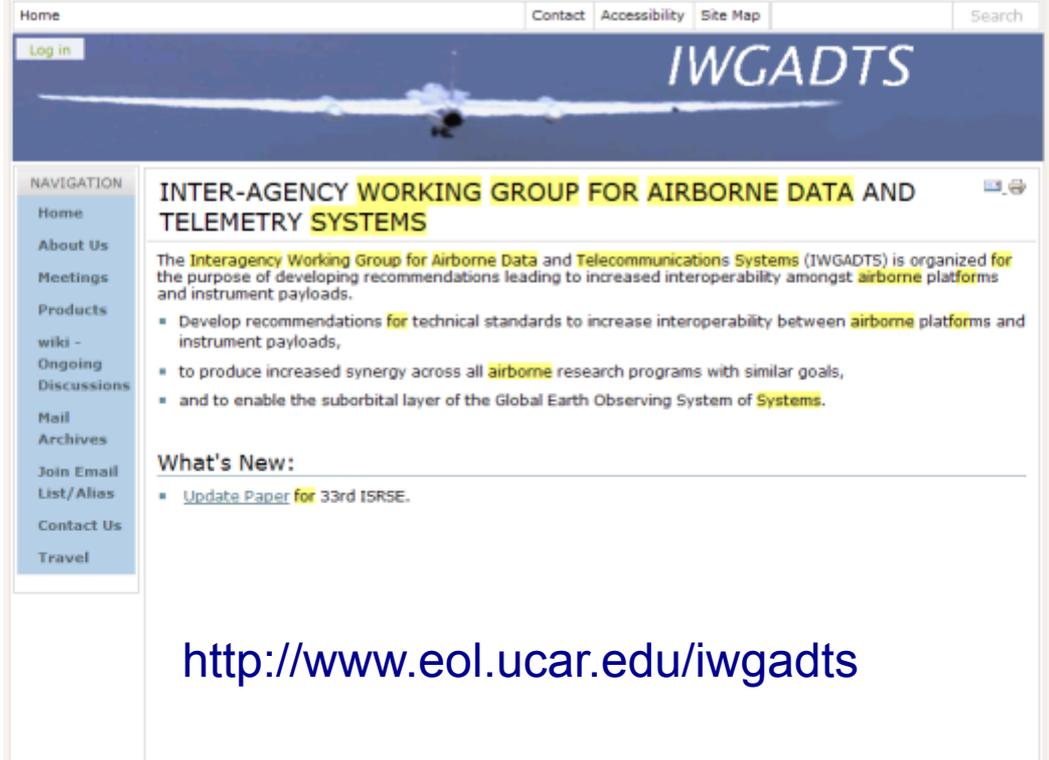


ICCAGRA Aircraft



ICCAGRA Working Group

- IWGADTS Working Group
 - Standardized Data Formats
 - Standardized Data Collection Systems
 - Standardized Instrument Integration



The screenshot shows the homepage of the Inter-Agency Working Group for Airborne Data and Telemetry Systems (IWGADTS). The page features a dark blue header with the IWGADTS logo and a navigation menu. The main content area includes a title, a description of the group's purpose, and a list of goals. A 'What's New' section is also visible.

Home Contact Accessibility Site Map Search

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IWGADTS

NAVIGATION

- Home
- About Us
- Meetings
- Products
- wiki - Ongoing Discussions
- Mail Archives
- Join Email List/ Alias
- Contact Us
- Travel

INTER-AGENCY WORKING GROUP FOR AIRBORNE DATA AND TELEMETRY SYSTEMS

The Interagency Working Group for Airborne Data and Telecommunications Systems (IWGADTS) is organized for the purpose of developing recommendations leading to increased interoperability amongst airborne platforms and instrument payloads.

- Develop recommendations for technical standards to increase interoperability between airborne platforms and instrument payloads,
- to produce increased synergy across all airborne research programs with similar goals,
- and to enable the suborbital layer of the Global Earth Observing System of Systems.

What's New:

- [Update Paper for 33rd ISRSE.](#)

<http://www.eol.ucar.edu/iwgadts>

- What's Next?

ICCAGRA Priorities

- Fostering cooperation and communication amongst US agencies and international counterparts
 - Semi-annual meetings
 - Next meeting: November at NRL Pax River
 - Interaction with EUFAR
 - Planning for ICARE 2017 – Germany, July
- Development of UAS capabilities for scientific research
 - NOAA and NASA joint work on the Global Hawk
 - Best practices on operations, federal mandates, etc.
- Insure the sustained viability of key assets
 - P-3 re-winging, avionics updates, P-3 engines/props, increased logistics
 - Joint consideration of Federal-wide fleet planning

Interagency collaboration develops new capabilities:

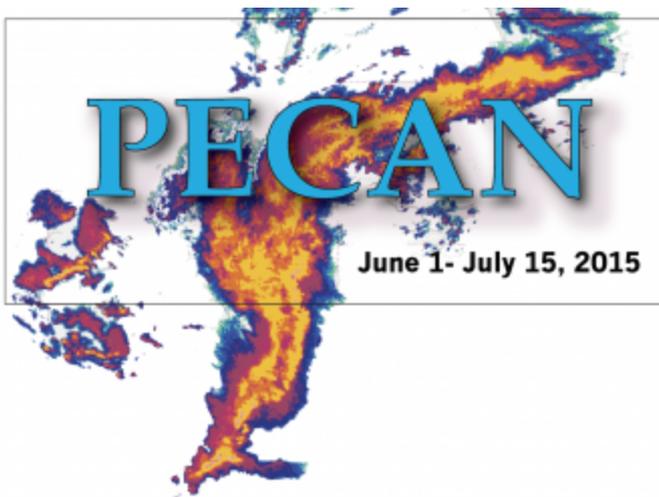
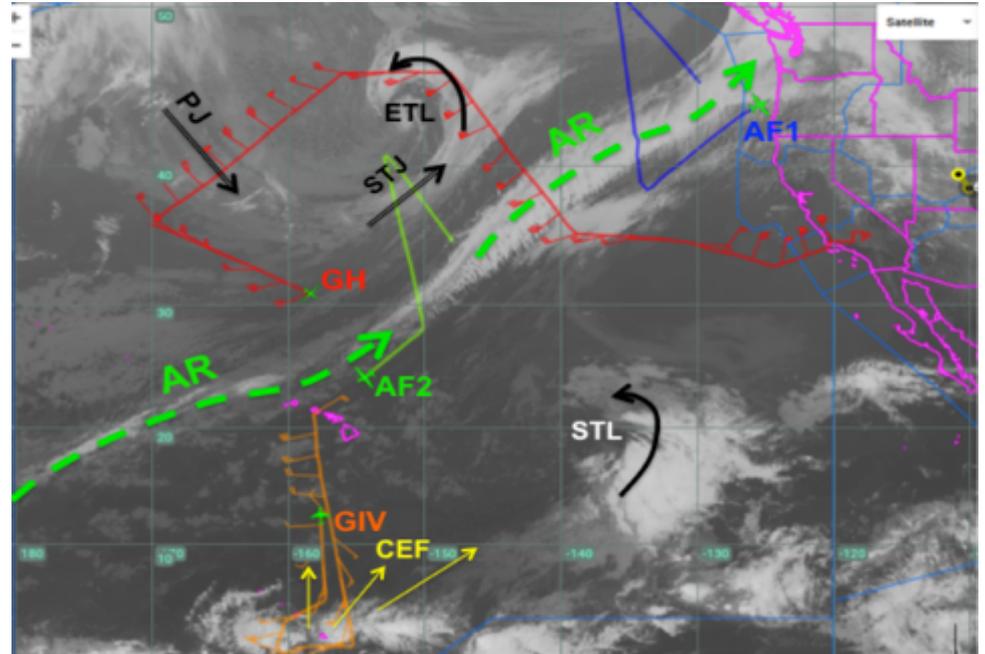
- NOAA requirement and funding
- NCAR/NSF designed and built
- NASA integrated and operated



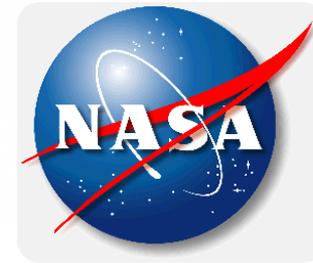
Interagency mission collaboration:

Brings more capability to bear observing complex weather and climate phenomena

NASA, NOAA and USAF partner in El Niño rapid-response mission



Plains Elevated Convection at Night



ICCAGRA

United States Interagency Coordinating Committee for Airborne Geoscience Research and Applications

Enhancing airborne geoscience services through interagency cooperation and collaboration

Interagency collaboration develops new capabilities

- NOAA Requirement and funding
- NCAR/NSF designed and built
- NASA integrated and operated

ICCAGRA Science Research Aircraft

NASA	CIRPAS	NRL
NOAA	DOE	NCAR/NSF

For more information:
<https://wiki.atm.gov/bin/view/ICCAGRA/WebHome>
 "Coming together is a beginning; keeping together is progress; working together is success." -Henry Ford

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Chair
 Linnea Avallone
 NSF

Vice Chair
 CDR Kristie Twining
 NOAA

Executive Secretaries
 Matt Fladeland
 NASA
 &
 TBD

ICCAGRA

United States Interagency Coordinating Committee for Airborne Geoscience Research and Applications

Enhancing airborne geoscience services through interagency cooperation and collaboration

Interagency mission collaboration brings more capability to bear observing complex weather and climate phenomena

DOE, NASA & NOAA team in CARES mission

NCAR/NSF, NASA & DLR contribute to DC3 mission

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