

Wallops Flight Facility

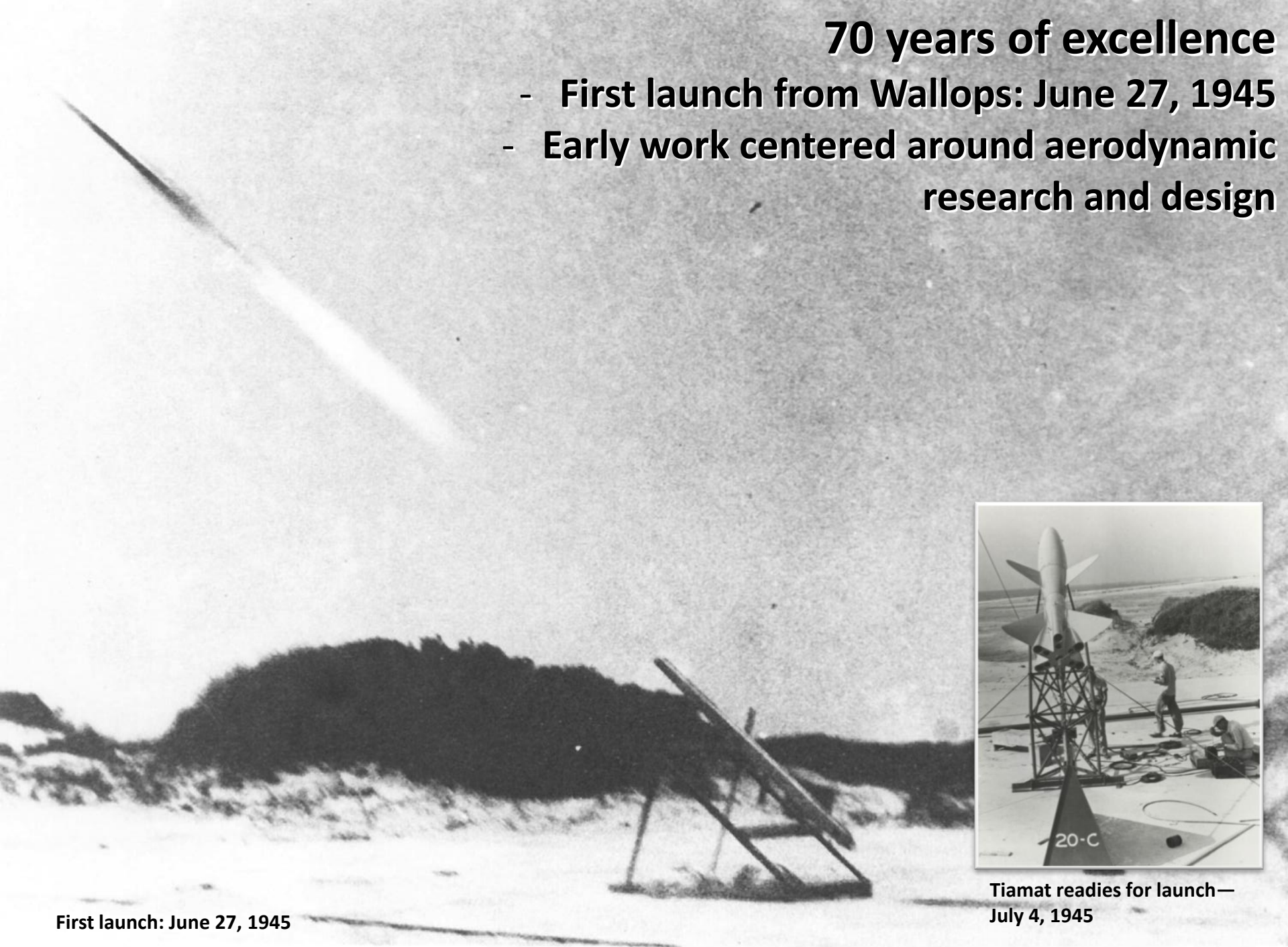
Today and Tomorrow



Antares Orb 2 flight, July 13

70 years of excellence

- First launch from Wallops: June 27, 1945
- Early work centered around aerodynamic research and design



First launch: June 27, 1945

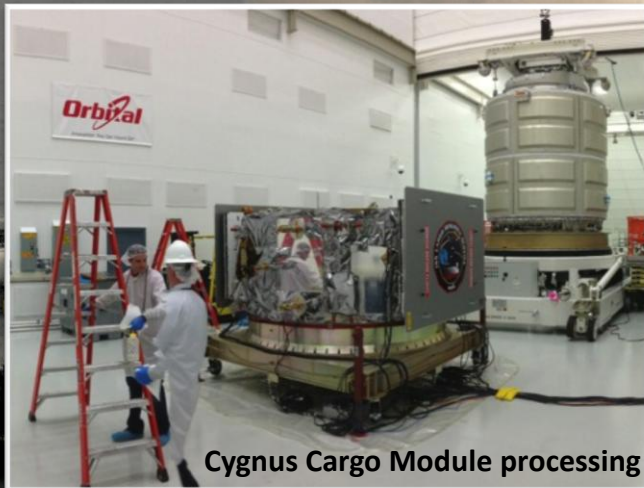


Tiamat readies for launch—
July 4, 1945

Antares

TODAY

- Next Antares/Cygnus scheduled Oct. 20, 9:29 p.m. EDT
- 3rd of 8 planned missions under NASA's \$1.9B cargo resupply contract with Orbital Sciences

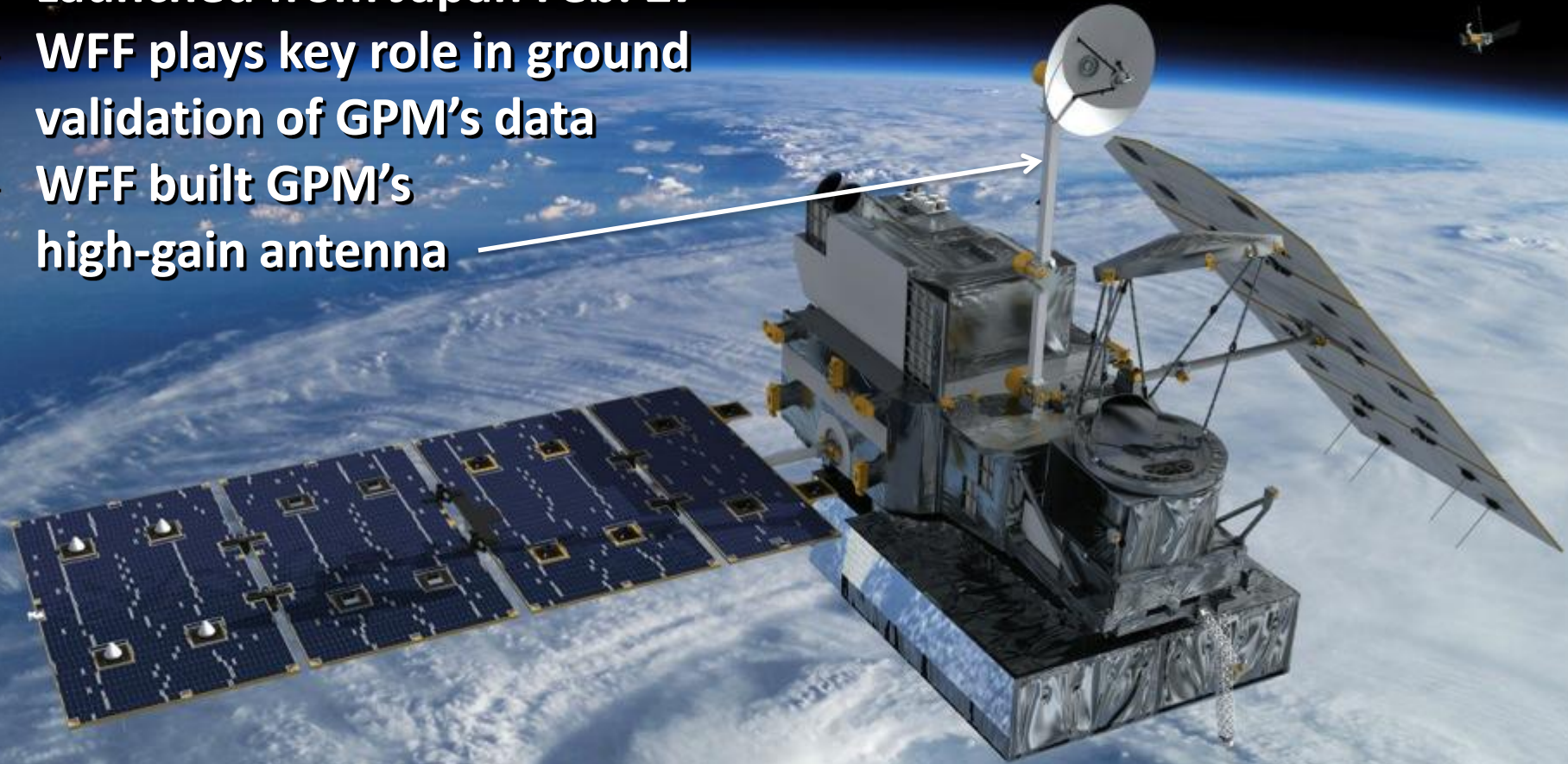


Antares Orb 2—July 13, 2014

Global Precipitation Measurement Mission

- Launched from Japan Feb. 27
- WFF plays key role in ground validation of GPM's data
- WFF built GPM's high-gain antenna

TODAY



RockOn!

- 61 community college and university students
- Teams built payloads and flew them into space on a WFF Terrier-Improved Orion sounding rocket

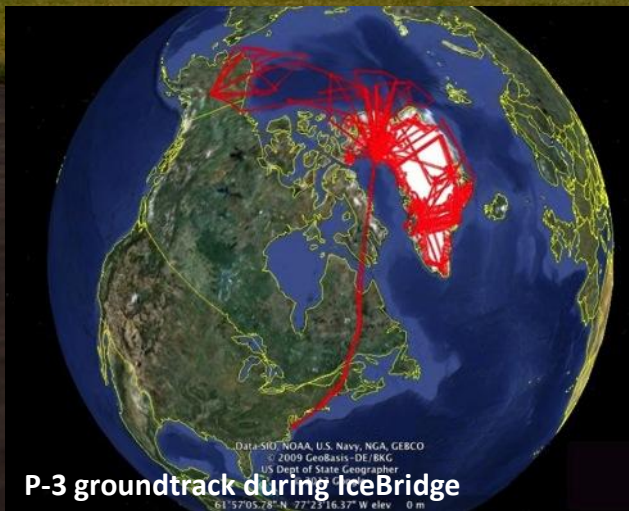
TODAY



Operation IceBridge

- Maintaining continuity of polar ice measurements between ICESat & ICESat-II
- 373.9 flight hours flown in Spring 2014 campaign
 - Most ever for a single P-3 mission
- 100,554 miles flown (equivalent of flying around the globe 4 times)

TODAY



P-3 returns from Spring IceBridge campaign

Climate campaigns in the Arctic

- C-130 – ARISE
- C-23 – CARVE

TODAY



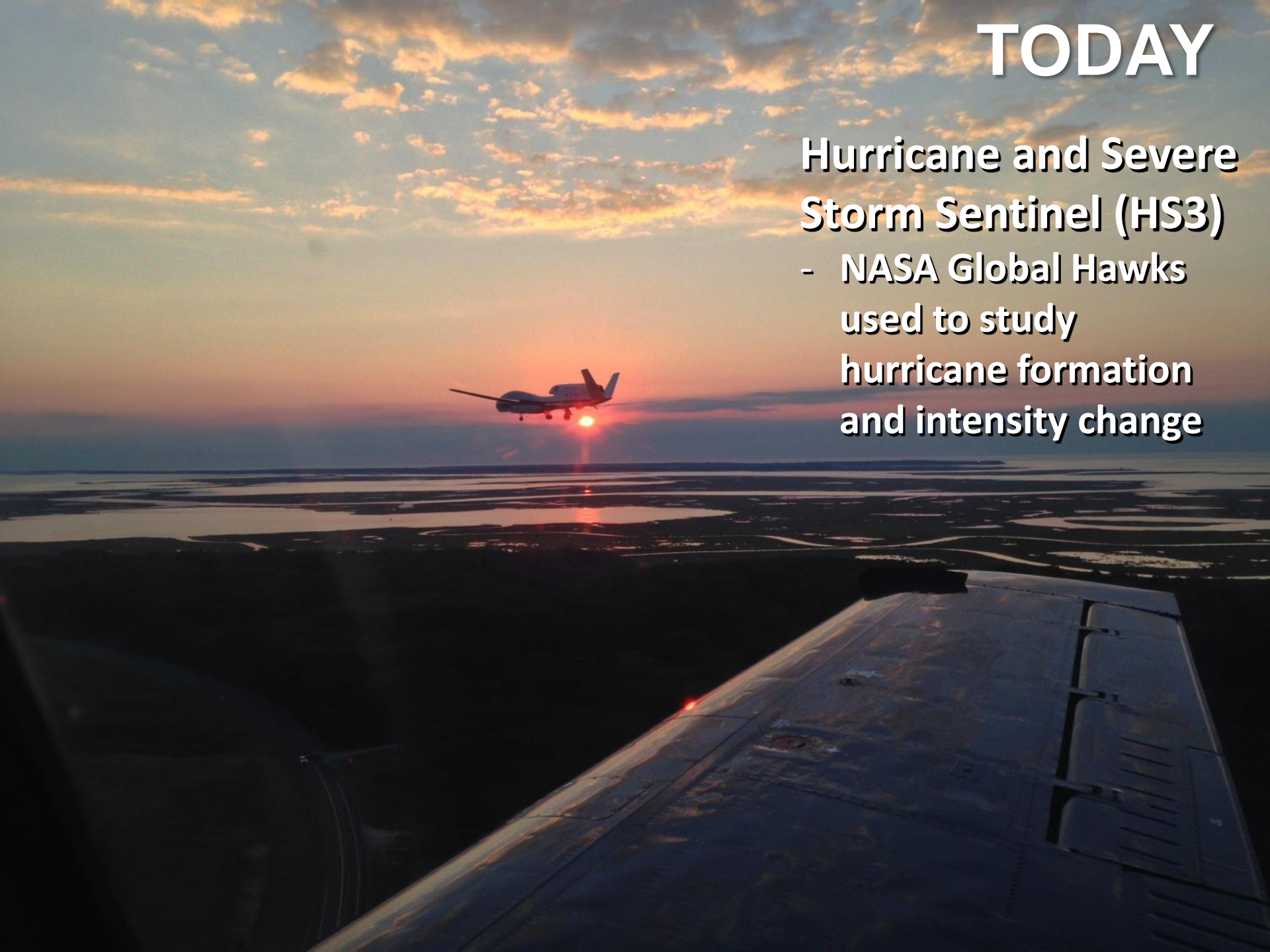
C-23 Sherpa

C-130 departs for ARISE

TODAY

Hurricane and Severe Storm Sentinel (HS3)

- NASA Global Hawks
used to study
hurricane formation
and intensity change





TODAY

Low-Density Supersonic Decelerator

- Successful test flight June 28

TOMORROW



Reaching Farther for Science and Technology

Wallops Flight Facility

Questions?

www.nasa.gov/wallops

www.facebook.com/NASAWFF

[@NASAWallops](https://twitter.com/NASAWallops)

