

# BALL AEROSPACE'S HUBBLE HERITAGE

SCIENCE INSTRUMENTS THAT GO BEYOND®

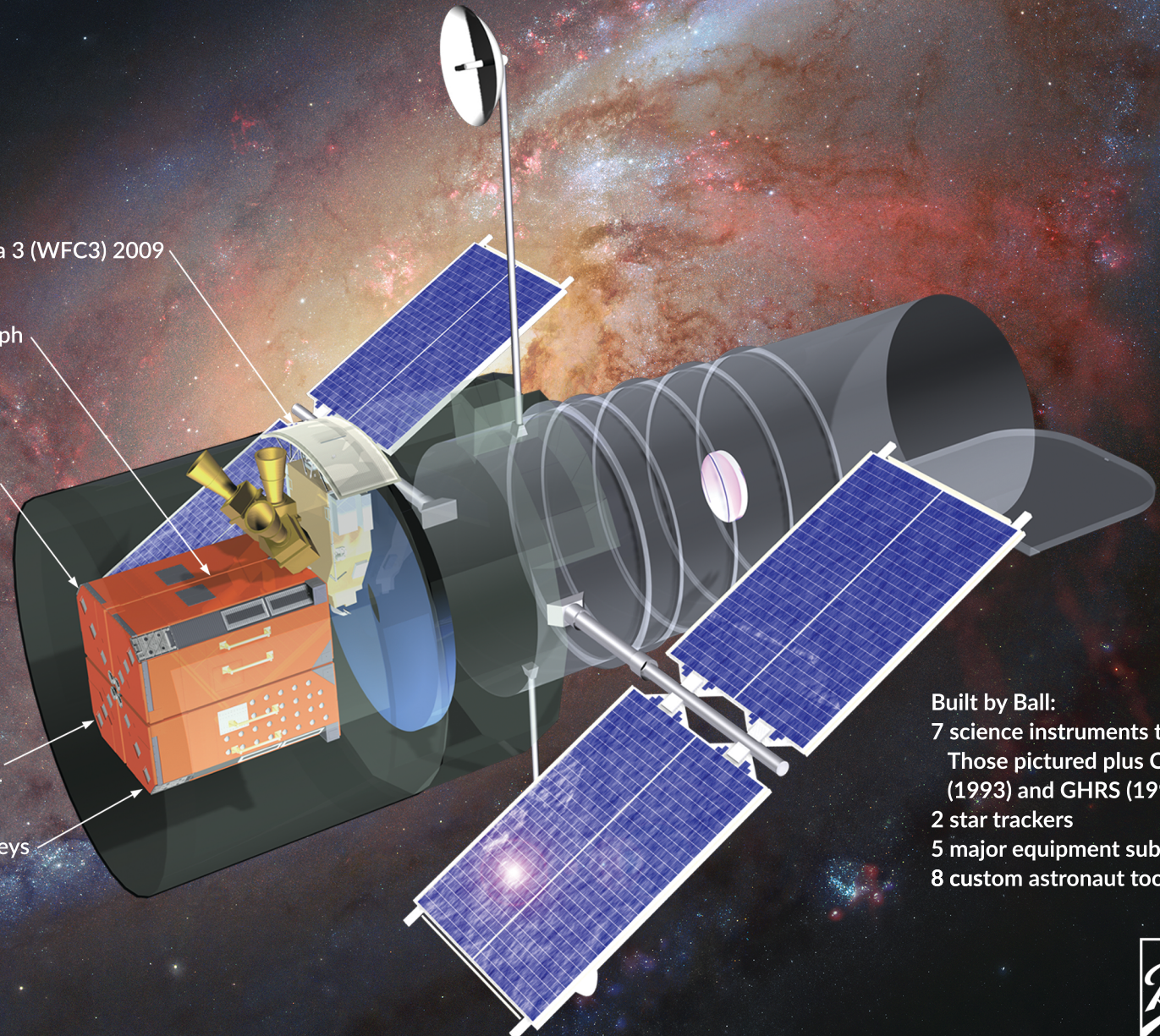
Wide Field Camera 3 (WFC3) 2009

Cosmic Origins Spectrograph (COS) 2009

Space Telescope Imaging Spectrograph (STIS) 1997

Near Infrared Camera and Multi-Object Spectrometer (NICMOS) 1997

Advanced Camera for Surveys (ACS) 2002



Built by Ball:  
7 science instruments total  
Those pictured plus COSTAR (1993) and GHRS (1990)  
2 star trackers  
5 major equipment subsystems  
8 custom astronaut tools

