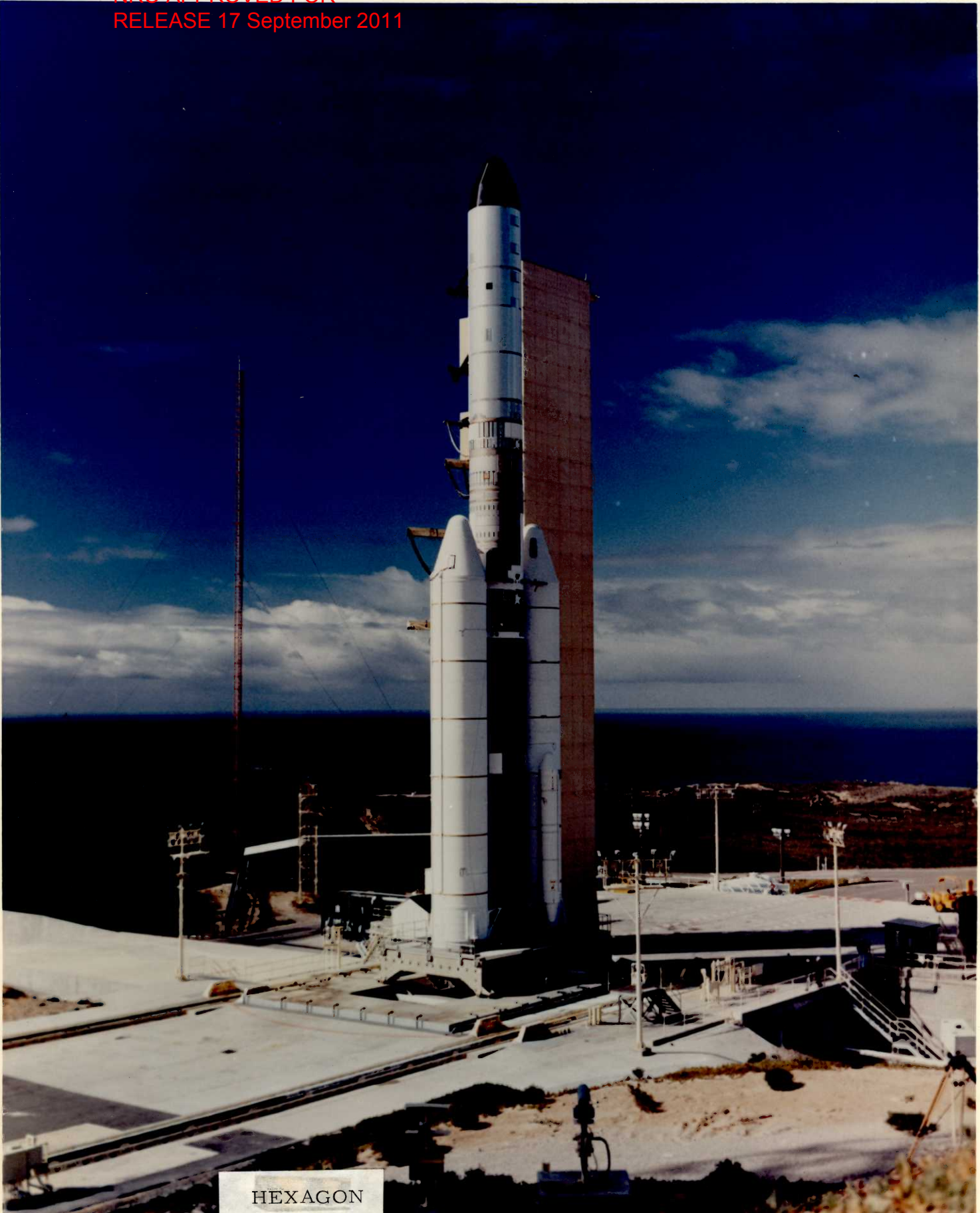


NRO APPROVED FOR
RELEASE 17 September 2011



HEXAGON

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This new generation General Search Photographic Surveillance program, Program 467, encompasses a 60 ft. long, 10 ft diameter Satellite Vehicle (SV) containing dual stereographic cameras and a four re-entry vehicle (RV) recovery unit system. The SV is launched on a Titan III D booster vehicle and the first flight was successfully launched on 15 June 1971.

Lockheed produces the aft, mid, forward section structures and shroud which comprise the SV, and integrate the associates equipment into a complete SV.

Associate Contractors:	Martin-Marietta	-	Booster Vehicle
	Perkin-Elmer	-	Primary Dual Camera Subsystem
	McDonnell Douglas	-	Recovery Vehicle
	General Electric	-	Command Programmers
	ITEK	-	Stellar Index Camera

The propulsion and satellite control section, along with the SV sections, are assembled at Lockheed-Sunnyvale. After aft section module testing and receipt of cameras, take-up and recovery vehicles, the entire SV is mated and a complete system test conducted in Sunnyvale. Under the Factory-to-Pad launch philosophy, the SV is then transported to Vandenberg Air Force base in a launch-ready condition.

The ensuing photographs depict the mission and test sequence of events, and first flight sections and internal hardware, system level testing facilities, and aerospace ground equipment utilized on the Program in Sunnyvale. Photographs of the first launch from Vandenberg, a recovered re-entry vehicle capsule, and operational results are also presented.

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