

~~Unclassified~~
~~TOP SECRET~~PSC-A-3-bb
HANDLE VIA
BYEMAN
CONTROL SYSTEM

TALKING PAPER

ON

FACTS ABOUT HEXAGON

- Decision for go-ahead by CIA: April 26, 1966
- Contractors
 - Space Vehicle - Lockheed Missiles and Space
 - Main Camera - Perkin Elmer
 - Terrain Camera - Itek
 - Re-entry Vehicle - McDonnell/Douglas
 - Booster - Martin
- Operating history
 - 1st Launch - June 15, 1971
 - Mission Life
 - 1201 - 31 days
 - 1202 - 39 days
 - 1203 - 57 days
 - 1204 - 68 days
 - 1205 - 38 days (As of today)
 - Film Capacity - 210,000 feet nominal

~~HEXAGON~~HANDLE VIA
BYEMAN
CONTROL SYSTEMCLASSIFIED BY BYEMAN - 1 EXEMPT FROM
GENERAL DECLASSIFICATION SCHEDULE OF
EXECUTIVE ORDER 11652 EXEMPTION CATE-
GORY 5B2 DECLASSIFY ON IMP DET.~~TOP SECRET~~

Approved for Release: 2018/11/08 C05116296

CONTROL NO Internal
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- Coverage
 - 1201 - 14.8 Million Sq NM attempted
 - 7.8 Million Sq NM clear
 - 1202 - 19.7 Million Sq NM attempted
 - 14.5 Million Sq NM clear
 - 1203 - 27.8 Million Sq NM attempted
 - 17.6 Million Sq NM clear
 - 1204 - 18.9 Million Sq NM attempted
 - 12.0 Million Sq NM clear
 - Routinely photographs 136 clusters
 - 1205 carries first terrain camera
- Miscellaneous:
 - Problems
 - 1201 Bucket #3 lost on July 10, 1971 - Navy unable to recover - parachute problem solved.
 - Remarkably few operating anomalies so far for its complexity.
 - Achievements
 - First vehicle to use Titan IIID.
 - The most complex NRO vehicle launched to date.
 - The largest and heaviest U.S. earth orbiting system.

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CONTROL SYSTEM~~TOP SECRET~~CONTROL NO Internal
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~~SECRET~~
- C 4 (Dated Release)
Gross Check Free 15NM

KH 1,3,4

KH-9

1960	2.3
61	9.3
62	29.4
63	13
64	30
65	43.5
66	41.6
67	33.4
68	40.2
69	15.2
70	✓ 16.5 (Approx)
71	16.3 (Approx)
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P.3

43.8

32.3

26.2

20.7

29.8

16.4

20.1

21.5

18.1

6

26.8

14.6

30.9

14.5
26.9

BEST IMAGE QUALITY

