

~~TOP SECRET~~
~~BYEMAN CHANNELS ONLY~~

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NRO APPROVED FOR RELEASE
DECLASSIFIED BY: C/ART
DECLASSIFIED ON: 10 JANUARY 2013

~~TOP SECRET~~ 112240Z DEC 80 CITE DITTO 2336
PRIORITY [REDACTED] INFO PRIORITY [REDACTED] BISON [REDACTED]
HANDLE VIA BYEMAN CHANNELS ONLY

[REDACTED] FOR L. CRESS, BISON FOR [REDACTED] FOR
[REDACTED] FROM NELSON [REDACTED]

GARBIT
SUBJ: FILM LOAD INFORMATION

1. THE FOLLOWING "STANDARD" LOADS WILL BE AVAILABLE FOR USE IN EITHER 4351 OR 4352 DURING 1981.
 - A. STANDARD 9" LOAD: 13,250 FT. OF SO-312 RECOMMENDED FOR EITHER 4351 OR 4352.
 - B. ADDITIONAL 9" LOAD: 11,430 OF SO-312, TWO SEGMENTS OF SO-409 TOTALING 1750 FEET FOR A TOTAL LOAD OF 13180 FT.
 - C. STANDARD 5 " LOAD:
 - SO-312-950 FT. IN 5 SEGMENTS
 - SO-409-450 FT. IN THREE 150 FT. SEGMENTS ONE IN SRV NUMBER 1, TWO IN SRV NUMBER 2.
 - SO-255-600 FT. IN FOUR 150 FT. SEGMENTS, 2 PER SRV
 - SO-130-600 FT. IN FOUR 150 FT. SEGMENTS, 2 PER SRV
 - D. ADDITIONAL 5" LOAD:
 - SO-312-2250 FT. IN 6 SEGMENTS
 - SO-409-300 FT. IN 2 SEGMENTS IN SRV NUMBER 1.
 - SO-255-200 FT. IN 2 SEGMENTS, ONE PER SRV
 - SO-130-200 FT. IN 2 SEGMENTS, ONE PER SRV
- NOTE FOR ALL LOADS: NOT INCLUDED IN FILM TOTAL IS 400 FT. OF SO-315, AT LEAST HALF OF WHICH WILL BE USED FOR TESTING BEFORE FLIGHT. ANY SO-315 NOT USED FOR TESTING WILL BE AVAILABLE FOR OPERATIONAL USE.
2. STANDARD LOADS A AND C ARE THE SAME CONFIGURATION USED IN ALL OUR MISSION SIMULATIONS. THIS IS OUR RECOMMENDED LOAD COMBINATION (9" AND 5") FOR A LOW ALTITUDE MISSION LAUNCHED IN THE MARCH TIME FRAME.
 3. FOR AN ALL HIGH ALTITUDE MISSION LAUNCHED IN THE MARCH TIME FRAME WE RECOMMEND LOADS A AND D. THE DECREASE IN COLOR AND COLOR/IR IS RECOMMENDED BECAUSE OF THE EXPECTED RADIATION DAMAGE IN AN ALL HIGH MISSION. FOR 120 DAY MISSIONS, SO-255 SHOULD BE CONSIDERED ENGINEERING ONLY AT ALTITUDES ABOVE 200 NM'S AND SO-130 SHOULD BE CONSIDERED ENGINEERING ONLY AT ALTITUDES ABOVE 300 NM'S. THE DECREASE IN SO-409 IS DUE TO THE LATE SUMMER LIGHTING CONDITIONS.
 4. IF A DIFFERENT MISSION FILM LOAD IS REQUIRED, IT CAN BE PRODUCED WITHIN 60 (SIXTY) DAYS OF SPECIFIC LOAD DEFINITION.

REVW 11 DEC 2000
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