

~~SECRET~~

HEXAGON PAYLOAD (CONT.)

SOLID STATE STELLAR CAMERA SUBSYSTEM(S³)

- PROVIDES STAR "HIT" DATA WHICH MAY BE GROUND PROCESSED WITH NAVPAC/GPSPAC DATA TO YIELD ATTITUDE ACCURACIES OF
5 ARC SECONDS, ABSOLUTE
3 ARC SECONDS, RELATIVE
- STAR "HIT" DATA IS TIME CORRELATED WITH PAN CAMERA
- STAR MAGNITUDE - 7.5 AND BRIGHTER

ORBITAL DATA

- INCLINATION - 96.4 DEGREES SUN-SYNCHRONOUS
- AVERAGE PERIGEE - 95 NM
- AVERAGE APOGEE - 150 NM
- DEMONSTRATED MISSION LIFE - 270 DAYS

CLASSIFIED BY 8FE-1
DECLASSIFY ON OADR

~~SECRET~~

19990010-67 BIF 003W/2-134573-05
 HANDLE VIA BYEMAN HEXAGON CY1 REV-C
 CONTROL SYSTEM ONLY 10-16-85 SHEET 2 OF 2

(b)(1)
(b)(3)