

APOLLO PRODUCT COMPARISON CHART

ITEM	BLOCK 100	BLOCK II 9/M	LEM
IMU	 DIAMETER - 14 1/2" WEIGHT - 60 LBS. 2-TOR. MTR./AXIS 2-RESOLVER/AXIS	 DIAMETER - 12 1/2" WEIGHT - 42 LBS. 1-TOR. MTR./AXIS COMBINED RES./AXIS NEW HEATER CIRCUIT	SAME AS BLOCK II
PSA	 10 TRAYS, 90 MODULES PLUGS INTO AGE HARN. HEADER	 42 MODULES 30 TYPES OF MODULES SIZE: 23 1/8" x 22 1/2" x 2 3/4" (MAGNESIUM)	 15 MODULES/UNIT 12 TYPES OF MODULES SIZE: 23" x 9" x 2 7/8" (MAGNESIUM)
PIPA	NONE	 12 MODULES 4 TYPES OF MODULES SIZE: 10" x 9 1/8" x 2 3/4" (ALUMINUM)	NONE
PTA	NONE	NONE	 16 MODULES 6 TYPES OF MODULES SIZE: 12 1/8" x 11 1/4" x 2 7/8" (ALUMINUM)
CDU	 MECHANICAL GEAR TRAIN ASSY WITH MOTORS AND RESOLVERS SIZE: 6" x 5" x 2"	 SIZE: 20 1/2" x 11 3/4" x 5 1/2" 2-HALVES SEALED. 33 MODULES INSIDE. CASES. 22-AC5K 11-RAYTHEON	SAME AS BLOCK II
NAV. BASE	 SOLID BERYLLIUM CONSTR.	 TWO HYDRO-FORMED HALVES RIVITED TOGETHER AND FORM FILLED. WEIGHT APPROX. 11 LBS.	 TWO HYDROFORMED RING HALVES JOINED. 4 SUPPORT LEGS. IMU MOUNTS ON ONE END AND THE OPTICAL TELESCOPE ON THE OTHER.
D&C	 2 PANELS (6X~ AND 1MU) PLUS 2 ELECTRONIC PKAGES (O&C ELEC. AND CONTROL ELECTRONICS).	 ONE HONEYCOMB PANEL SIMILAR TO GEN ELECTRONICS ASSEMBLY. NOW PART OF P.S.A.	NONE
AGE HARN.	 END CONNECTORS THAT PSA TRAYS PULL WITH ASSOC. HARN. AND CONNECTORS. APPROX. SIZE: 4" x 4" x 6"	 CONFIGURATION NOT FIRM. HARN. WILL INTER-CONNECT A/B COMPONENTS.	 "A" HARN. INTERCONNECTS WITH PSA, ECDU, LGC & SIGNAL COND.
SIG. COND.	 HEADER WITH 6-PLUG IN MODULES	 FINAL CONFIGURATION NOT FIRM. POSSIBLE DESIGN SHOWN. APPROX. SIZE: 15" x 6" x 4"	 APPROX. SIZE: 10" x 8" x 5"
MISC. A/B	 STAR TRACKER ASSEMBLY (HEADER/2 MODULES) PLUS SMALL HARN. FOR INTERCONNECT SYSTEM	NO REQUIREMENT AT PRESENT	 A.O.T. (ALIGNMENT OPTICAL TELESCOPE) CONTROL PACKAGE SIZE APPROX. 4" x 4" x 5"
GSE	 7 BAY CONSOLE, 33 DRAWERS, 75 CABLES, 3 1/2" BOXES, AUX. EQUIPMENT 6 FIXTURES, 1 ROTARY TABLE, 3 BOX PURING FIXT., MISC. SIMULATING, ALIGNMENT AND STANDBY EQUIP.	7 BAY CONSOLE GSE EQUIP. CHANGES TO ACCOMMODATE A/B EQUIP. CHANGES. 8 MODIFIED OITS DRAWERS 3 NEW DRAWERS, 8 NEW FIXTURES 3 NEW COOLANT HOSES, 3 1/2" BOXES 9 NEW P.S. AUX. EQUIP. MODIFIED CABLES 7 MODIFIED P.S. AUX. EQUIP. NO AUX. BATTERY POWER PACKAGE	7 BAY CONSOLE GSE EQUIP. SIMILAR TO BLOCK II LSS 055 EQUIP. CAPABILITIES. NO REQUIREMENTS FOR — TRANSPORT CART IMU SHIPPING CONTAINER OPTICS N/B & HANDLING FIXTURE GEN MTG. FIXTURE REMOTE OPTICS CONTROLLER, IMU PRESSURE SEAL TESTER.

APOLLO PRE-PRODUCTION
PLANNING TEAM

BY RLW

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