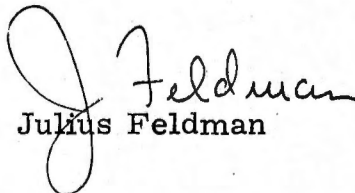


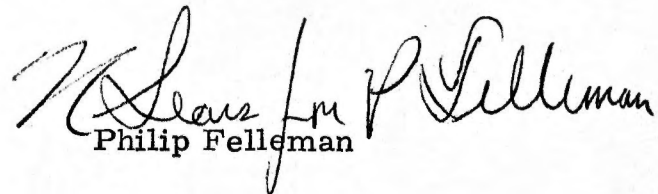
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To: Distribution  
From: P. Felleman/ J. Feldman  
Date: 7 May 1973  
Subject: Final Proposed Inertial Performance Parameters for the  
Skylab 2 Mission CM-116, G&N 205, IMU 22 (Revised)

The final proposed inertial performance compensation parameters are enclosed. IMU 44 has been replaced by IMU 22 in the Skylab II Command Module. Test data obtained on 6 May 1973 were used for IMU 22's compensation.

In converting from decimal to octal the PIPA scale factor values were rounded to the nearest ten. IRIG ADSRA & ADIA values were rounded off to the nearest integer.

  
Julius Feldman

  
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Skylab 2 : CM-116, G&N 205, IMU 22

	<u>Decimal Value</u>	<u>Octal Value</u>
X PIPA Bias (cm/sec <sup>2</sup> )	-0.82	75101
X Scale Factor (ppm)	-350	72207
Y PIPA Bias (cm/sec <sup>2</sup> )	+0.53	01666
Y Scale Factor (ppm)	-310	72727
Z PIPA Bias (cm/sec <sup>2</sup> )	+0.64	02173
Z Scale Factor (ppm)	-330	72457
NBD X (meru)	-0.7	77646
NBD Y (meru)	+1.1	00214
NBD Z (meru)	-1.9	77415
ADSRA X (meru/g)	+2	00046
ADSRA Y (meru/g)	+1	00023
ADSRA Z (meru/g)	+6	00162
ADIA X (meru/g)	-10	77501
ADIA Y (meru/g)	-34	76571
ADIA Z (meru/g)	+7	00205