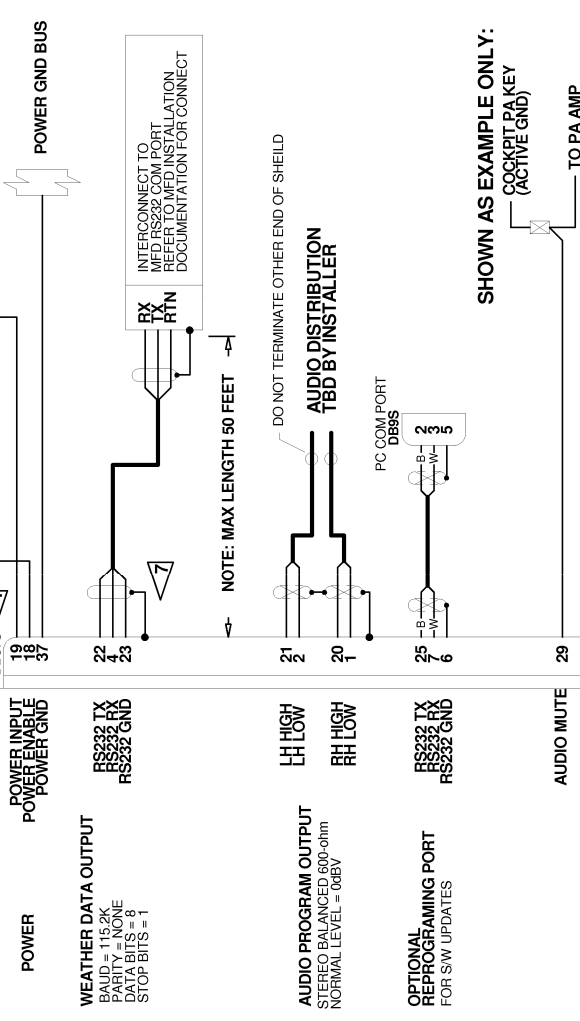


XMD076A TYPICAL WIRING REFERENCE DIAGRAM

THIS DRAWING IS NOT AN ACTUAL AIRCRAFT INSTALLATION AND IS TO BE USED AS REFERENCE ONLY. ACTUAL AIRCRAFT INSTALLATION CONFIGURATIONS ARE TBD BY INSTALLER.

XM WX SATELLITE WEATHER AND AUDIO RECEIVER
RS232 TYPE, P/N: XMD076A-01
MAIN INTERFACE (41 DB37P)



REV	DESCRIPTION	DATE BY
A	DELETED V-BIT CONNECTIONS (NOT IMPLEMENTED). ADDED FN 10.	07/18/05 JDH

NOTES: UNLESS OTHERWISE SPECIFIED

- ALL EQUIPMENT AND WIRING TO BE INSTALLED PER A/C MANUFACTURER AND FEDERAL AVIATION REQUIREMENTS, AS REQUIRED.
- ALL WIRE PER M22579/16-22 AND PAIRED TRIPLE CABLE PER M27500-22/TEXT114 OR AS REQUIRED BY AIRCRAFT REQUIREMENTS.

3. SATELLITE ANTENNA TO RECEIVER CABLE LOSS SHALL BE LESS THAN 0.5 DB. CABLE LENGTH SHALL BE 10 FT. FOR THESE TYPES: RG316 (26FT), RG142 (49FT), RG400 (42FT), TIMES MICROWAVE P/N: SFT-142 (70FT).

4. RECOMMENDED MATING CONNECTORS OR SIMILAR: (SMA PLUG, STRAIGHT) TYCO/AMP P/N 225532-3 (SMA PLUG, R/A) TYCO/AMP P/N 225609-3 (DB37S) M24308/2-4F

OTHER CONNECTORS USED ARE TBD BY INSTALLER.

5. POWER BUS VOLTAGE SHALL NOT EXCEED RTCA/DO-160D CATEGORY B AND Z (14V OR 28V AIRCRAFT).

6. ALL WIRE, CABLE AND EQUIPMENT SHOWN FOR REFERENCE ONLY. TO BE SUPPLIED BY INSTALLER/USER.

7. MOUNTING STRUCTURE SHALL PROVIDE CHASSIS GROUND CONNECTION TO AIRFRAME GROUND. CABLE SHIELDS TO BE TERMINATED TO CONNECTOR BACKSHELL.

8. ENERGIZE (APPLY 14-28VDC/30mA) POWER ENABLE FOR UNIT OPERATION. USE SWITCH AS SHOWN OR OR JUMPER DIRECT TO POWER WIRE.

9. AT POWER-UP, THE VOLUME IS SET TO SAME SETTING AS PREVIOUSLY USED.

10. CHANGES OR MODIFICATIONS TO THIS DEVICE NOT EXPRESSLY APPROVED BY THE MANUFACTURER COULD VOID THE USER'S AUTHORITY TO OPERATE THIS EQUIPMENT.

DRAWN		DATE		HEADS UP TECHNOLOGIES	
JOHN HEADER	02/04/05	2033 Chenault Dr., Suite 100		Carrollton, Texas 75006-5997	
CHECKED		DATE		WIRING REFERENCE DIAGRAM, XMD076A	
M. WOOTTON	02/04/05				
APPROVED		DATE		DRAWING NUMBER	
JOHN HEADER	02/04/05				XMD076A-3A
RELEASED		DATE		SHEET	
R. HARSHAW	02/04/05			B	1 OF 1