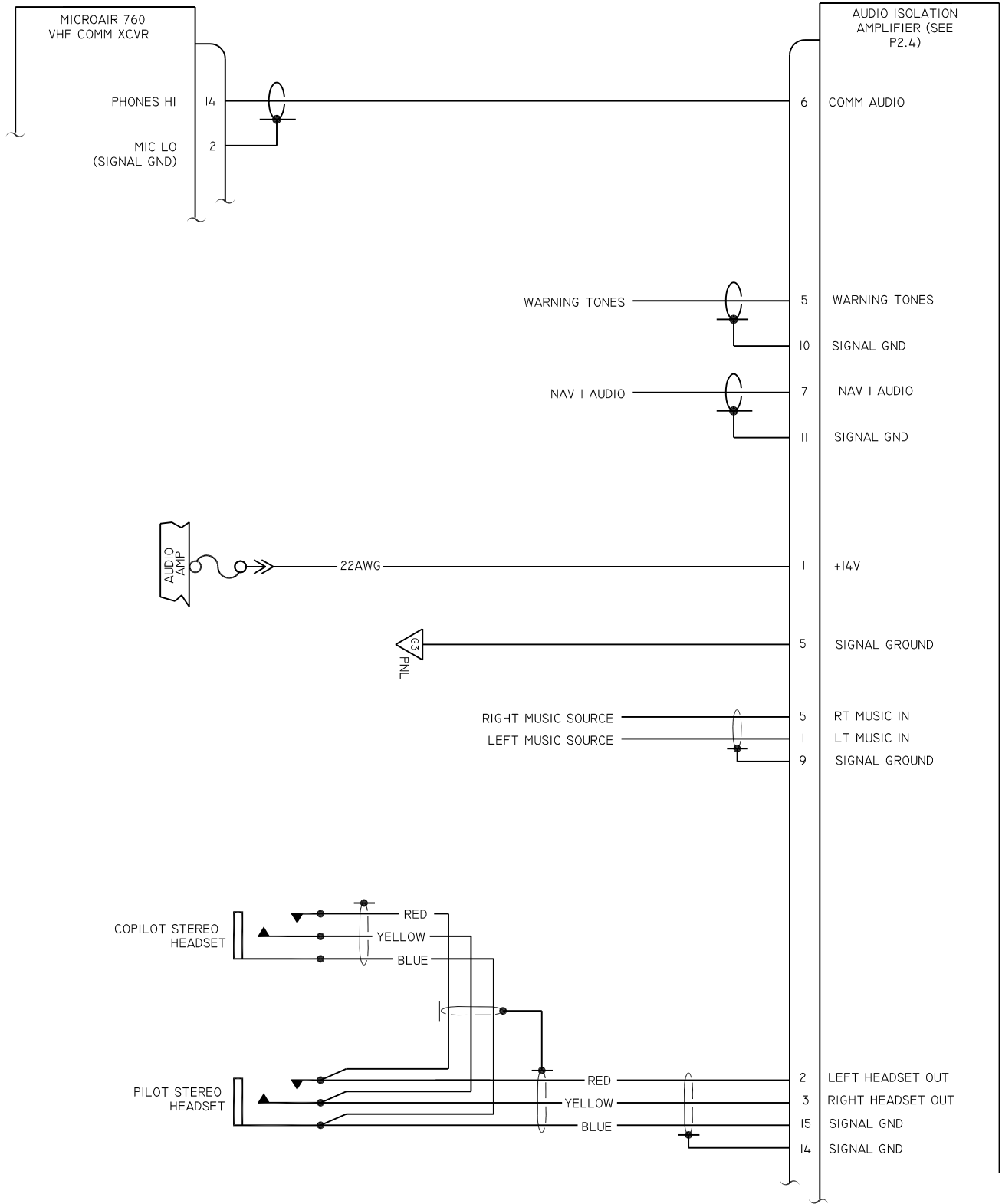


- NOTES:
1. GROUND SYMBOL ON SCHEMATIC DENOTES COMMON GROUND FOR THE ASSEMBLY. THIS GROUND SHOULD ISOLATED FROM THE CHASSIS GROUND.
 2. WWW.DIGIKEY.COM CAN SUPPLY ALL PARTS.
 3. THE AMPLIFIER AS SHOWN PROVIDES APPROXIMATELY UNITY GAIN.
 4. AN ETCHED CIRCUIT BOARD FOR DIY ASSEMBLY IS AVAILABLE FROM AEROELECTRIC CONNECTION ORDER PART NUMBER 'AEC9009-301-1'

REV -C- 05-20-01

TITLE	PAGE
AUDIO ISOLATION AMPLIFIER	2.4



TITLE	PAGE
TYPICAL STEREO AUDIO	

NOTE:

- 1. OPERATING VOLTAGE: 10.5 TO 30 VDC
- 2. OPERATING CURRENT: 0.05A MAX
- 3. MONOPHONIC INPUTS: 3
- 4. STEREO INPUTS: 1 PAIR
- 5. OUTPUT POWER: 100 MW PER CHANNEL
- 6. RESISTORS R103 THROUGH R107 ARE SELECTED TO EQUALIZE VOLUME LEVELS BETWEEN AUDIO SOURCES. START WITH 470 OHM RESISTORS IN ALL 5 LOCATIONS (DIGIKEY P470BACT). FOR SOURCES WITH ADJUSTABLE VOLUME CONTROLS, THE GOAL IS TO ACHIEVE NORMAL LISTENING LEVELS WITH SOURCE CONTROL AT 1/3 TO 1/2 OF FULL TRAVEL. ADJUST RESISTOR VALUES UPWARD TO DECREASE VOLUME. THEN ADJUST RESISTORS FOR FIXED SOURCES (WARNING TONES, ETC) TO ACHIEVE LEVEL COMPATABLE WITH NORMAL LISTENING LEVELS FOR OTHER SOURCES.

TITLE	PAGE
AUDIO ISOLATION AMPLIFIER	