

Connector on the ADAHRS is MS38999, 22Pin

Connector on MSU is MS38999, 13 Pin

Note 1: Shields should not be used for signal ground and should be terminated at the backshell. A separate wire should be used for signal ground.

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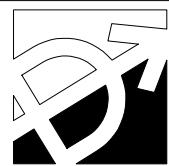
Note 2: For composite aircraft only. For proper lightning protection attach a 10AWG wire to the MSU Backshell & Terminate the other end to battery ground. Make this ground run as short as possible. For the OAT you will want to attach a 22AWG wire to the body of the probe with a ring terminal, & terminate the other end to battery ground. Make this ground run as short as possible.

Note 3: All wire 22 AWG

Note 4: Diode value/size = IN5402 or equivalent.

Note 5: It is required that Pin 16 be grounded during the units initial power up, as to access the ADAHRS Compass Swing & Alignment Procedure. Once alignment has been accomplished, this Pin 16 Alignment Ground will be removed until another Compass Swing & Alignment is required.

REV	DATE	DESCRIPTION
1	11-20-06	Initial Rev
2	06-13-07	Fixed FF to TT serial error



Direct **To** Avionics

DOCUMENT NAME: Chelton IDU3 Sorcerer/DEC ADAHRS

DRAWN BY: APPROVED: REV: DATE:
AA **JB** **02** **06-13-07**