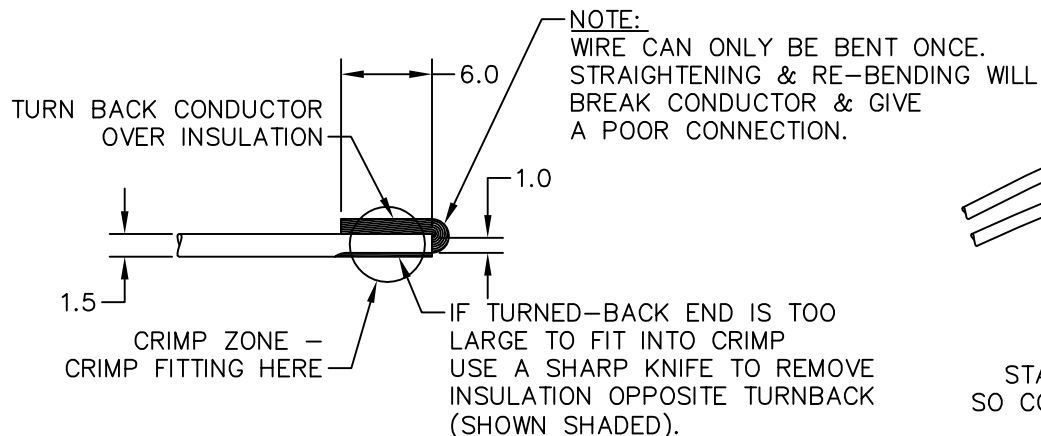
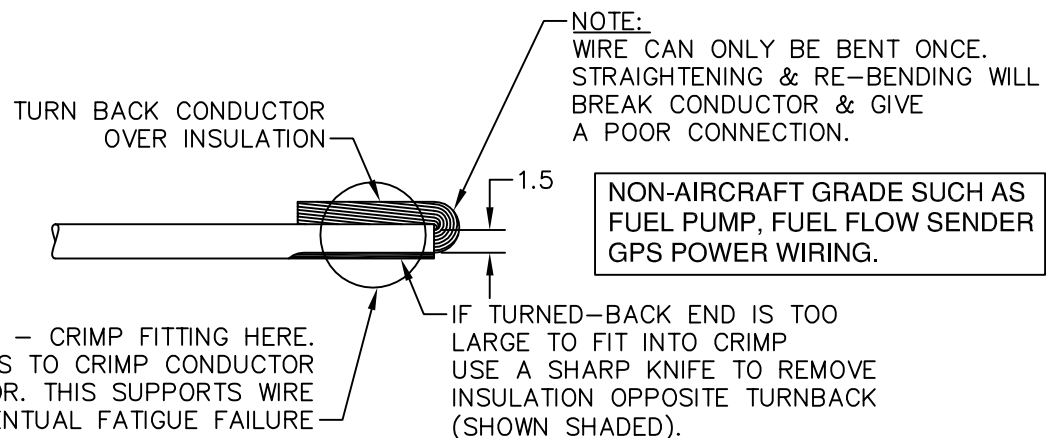
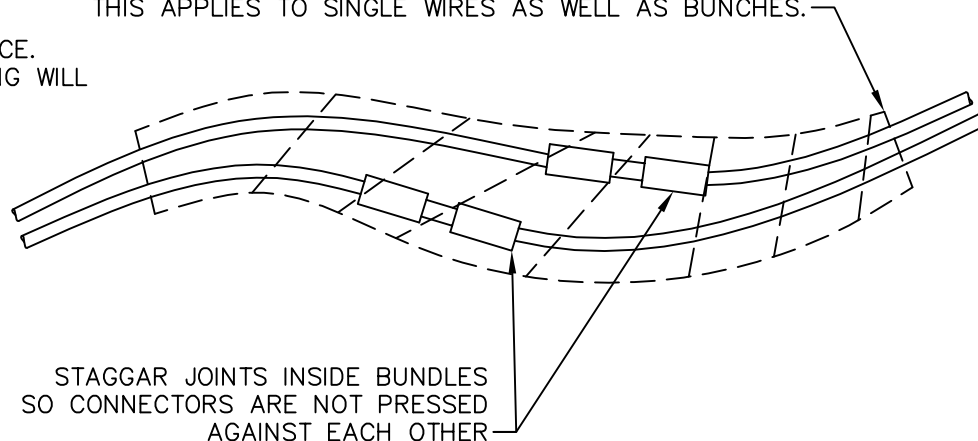


THIN WIRES CANNOT BE CRIMPED DIRECTLY TO THE CONDUCTOR BOTH CONDUCTOR & INSULATOR MUST BE CRIMPED IN FITTING TO SUPPORT WIRE AND PREVENT EVENTUAL FAILURE.

JOINTS IN WIRE MUST BE SUPPORTED (i.e. ATTACHED TO SOMETHING) OR WRAPPED WITH HEAT-SHRINK OR ELECTRICAL TAPE THIS APPLIES TO SINGLE WIRES AS WELL AS BUNCHES.

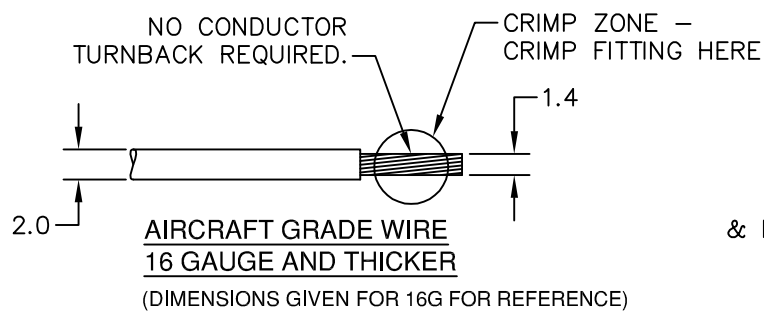


**AIRCRAFT GRADE WIRE THINNER THAN 16 GAUGE**  
(DIMENSIONS GIVEN FOR 22G FOR REFERENCE)



NON-AIRCRAFT GRADE SUCH AS FUEL PUMP, FUEL FLOW SENDER GPS POWER WIRING.

CRIMP ZONE - CRIMP FITTING HERE. THE AIM IS TO CRIMP CONDUCTOR TO INSULATOR. THIS SUPPORTS WIRE & PREVENTS EVENTUAL FATIGUE FAILURE



**AIRCRAFT GRADE WIRE 16 GAUGE AND THICKER**  
(DIMENSIONS GIVEN FOR 16G FOR REFERENCE)

**NON-AIRCRAFT GRADE WIRE CONDUCTOR SMALLER THAN 1.5mm DIA**

SCALE	1	16/10/07
1:1	ISS.	DATE

LIMITS	+/- 0.5mm	DRAWN	DS	AVTECH P/L A.C.N. 010 786 973 HINKLER AIRPORT BUNDABERG	TITLE WIRING STANDARD PRACTICES	DWG. NO.	5A087A0D-1
MATERIAL	AS DETAILED	APPR.				SHEET 1 OF 1	A4