

MS3471W18-32P  
M85049/52-1-18W

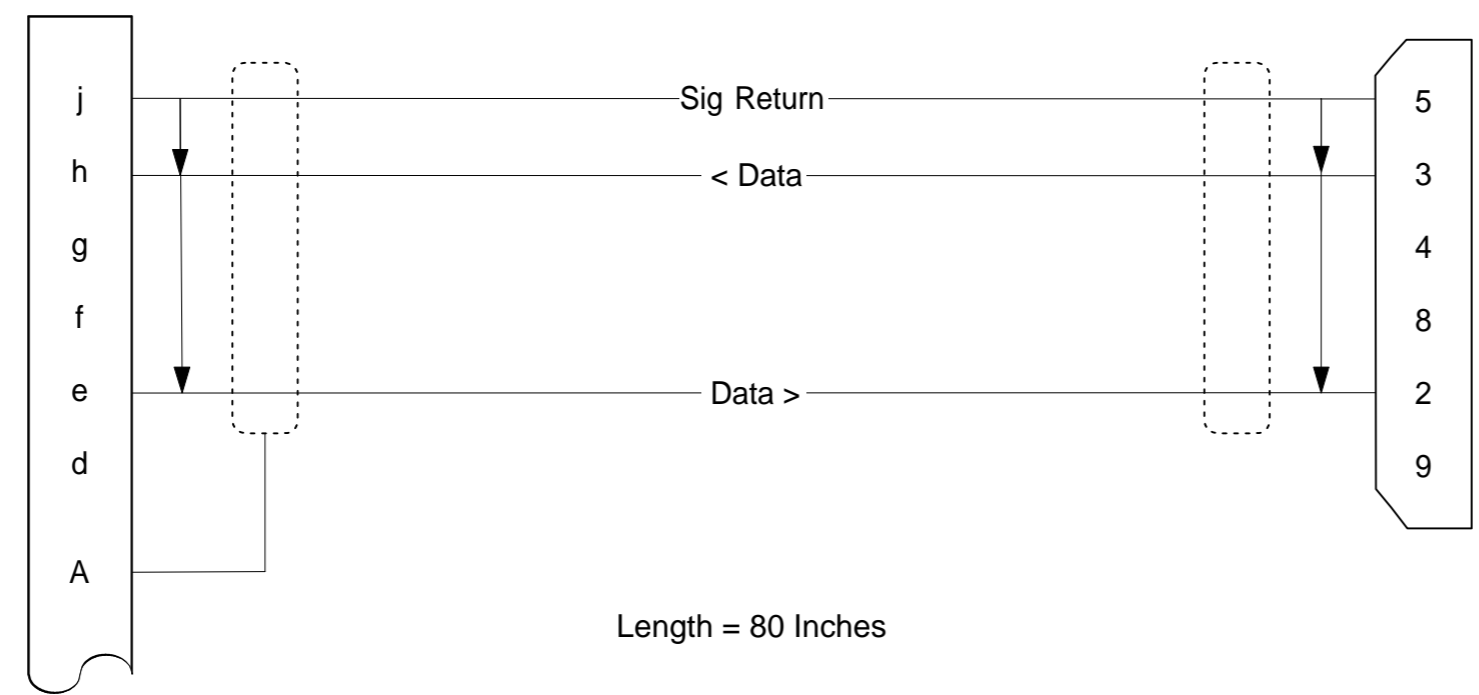
Sta C3X  
J7

M24308/2-1 Connector  
M85049/48-2-1 Strain Relief  
M24308/26-1 Female Screw Lock

DE 9S

Sta C3X  
Port 0

To SPPP  
P42  
RefAOC Dwg#930015



Flight Scientist  
C3X Rack  
Inbd Bay, Fwd Face  
48" Up

Notes: - Wire is 24 AWG, twisted triple, Alpha 2464 or equiv.

BY	NAME	DATE	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AIRCRAFT OPERATIONS CENTER HANGAR 5, MACDILL AFB, FLORIDA 33621			
DRAWN	TML	7/12/06	TITLE <b>Serial Drop for C3X Ozone '06</b>			
CHECKED						
STRESS						
PROJECTS						
APPROVED						
REF			CODE IDENT NO.	SIZE	DWG NO.	REV.
					XX-XXXXXX	
SCALE: NONE			filename.dxf	SHEET 1 OF 1		

M24308/2-1 Connector  
M85049/48-2-1 Strain Relief  
M24308/26-1 Female Screw Lock

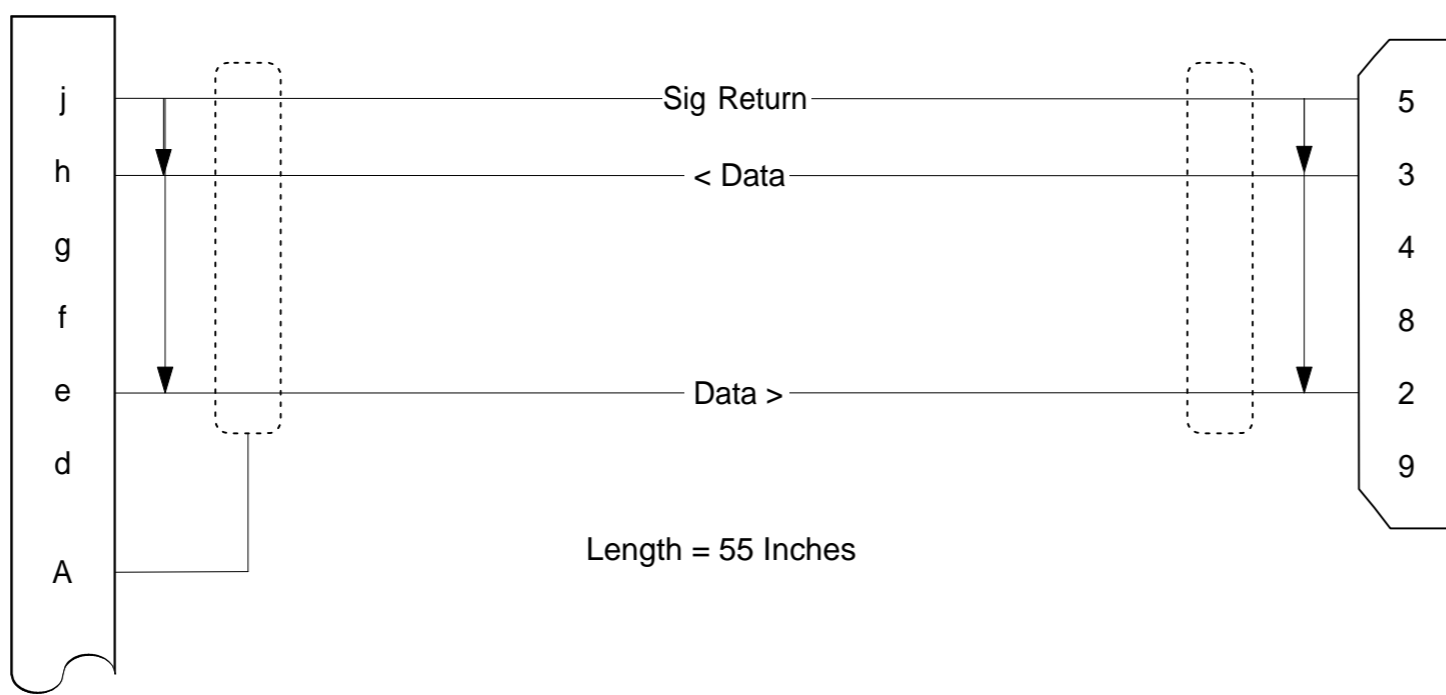
MS3471W18-32P  
M85049/52-1-18W

DE 9S

Sta 2  
J7

Sta 2  
Port 0

To SPPP  
P13  
RefAOC Dwg #930015



CRD - AES Instruments  
Sta 2 Rack

Inbd Bay, Middle  
25" Up

Notes: - Wire is 24 AWG, twisted triple, Alpha 2464 or equiv.

BY	NAME	DATE	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION			
DRAWN	TML	7/12/06	AIRCRAFT OPERATIONS CENTER			
CHECKED			HANGAR 5, MACDILL AFB, FLORIDA 33621			
STRESS			Serial Drop for Sta 2 Ozone '06			
PROJECTS						
PROJECTS						
APPROVED						
REF			CODE/IDENT NO.	SIZE	DWGNO.	REV.
					XX-XXXXXX	
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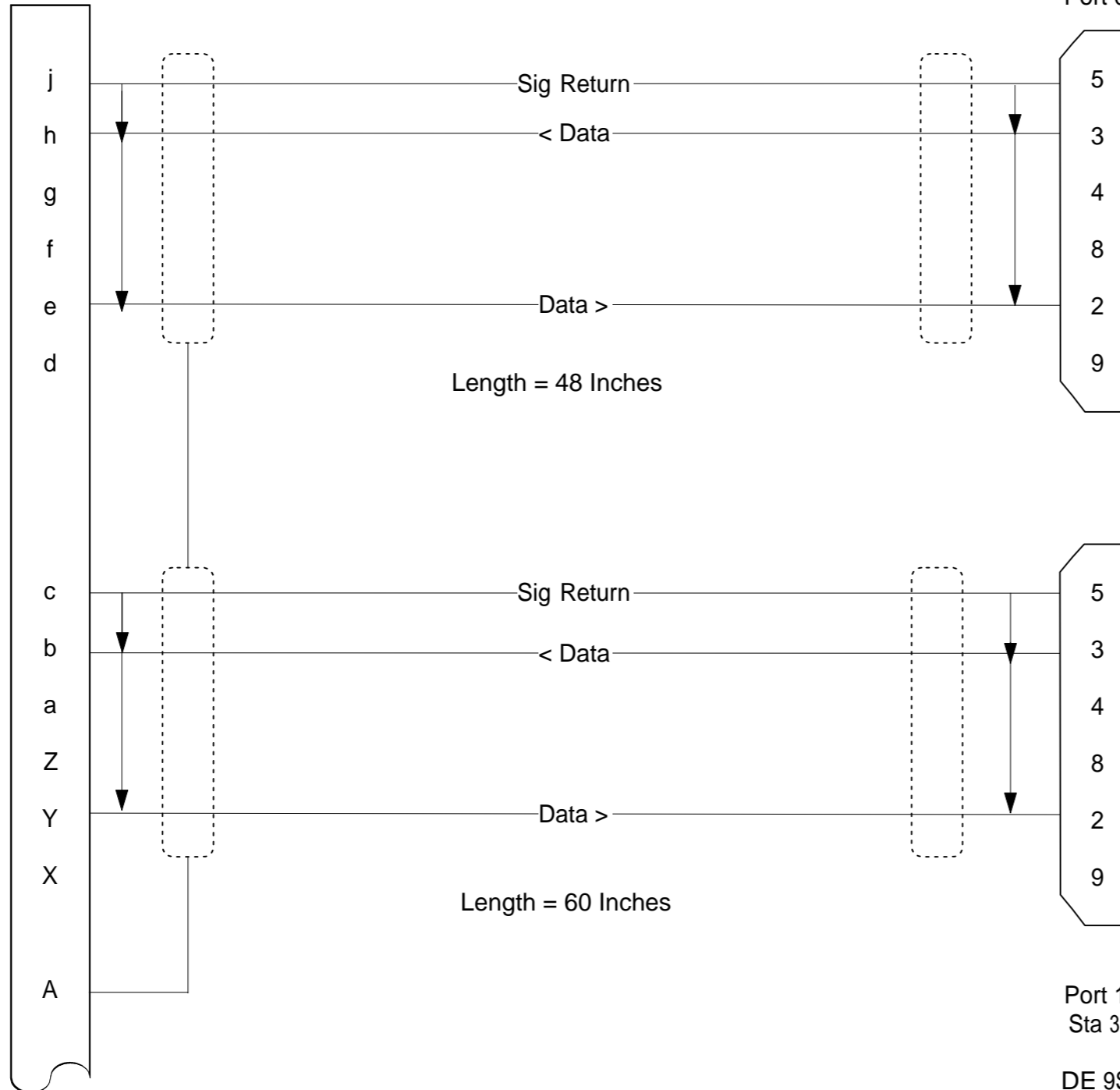
MS3471W18-32P  
M85049/52-1-18W

Sta 3  
J7

M24308/2-1 Connector  
M85049/48-2-1 Strain Relief  
M24308/26-1 Female Screw Lock

DE 9S

Sta 3  
Port 0



AMS Instrument  
Sta 3 Rack  
Outbd Bay, Aft Face  
39" Up

PILS Instrument  
Sta 3 Rack  
Inbd Bay, Fwd Face  
48" Up w/ slack

Port 1  
Sta 3

DE 9S

M24308/2-1 Connector  
M85049/48-2-1 Strain Relief  
M24308/26-1 Female Screw Lock

Notes: - Wire is 24 AWG, twisted triple, Alpha 2464 or equiv.

To SPPP  
P14  
RefAOC Dwg#930015

BY	NAME	DATE	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION			
DRAWN	TML	7/12/06	AIRCRAFT OPERATIONS CENTER			
CHECKED			HANGAR 5, MACDILL AFB, FLORIDA 33621			
STRESS			<b>Serial Drops for Sta 3 Ozone '06</b>			
PROJECTS						
PROJECTS						
APPROVED						
REF						
			CODE/IDENT NO.	SIZE	DWGNO.	REV.
					XX-XXXXXX	
			SCALE	NONE	filename.dxf	SHEET 1 OF 1

M24308/2-1 Connector  
M85049/48-2-1 Strain Relief  
M24308/26-1 Female Screw Lock

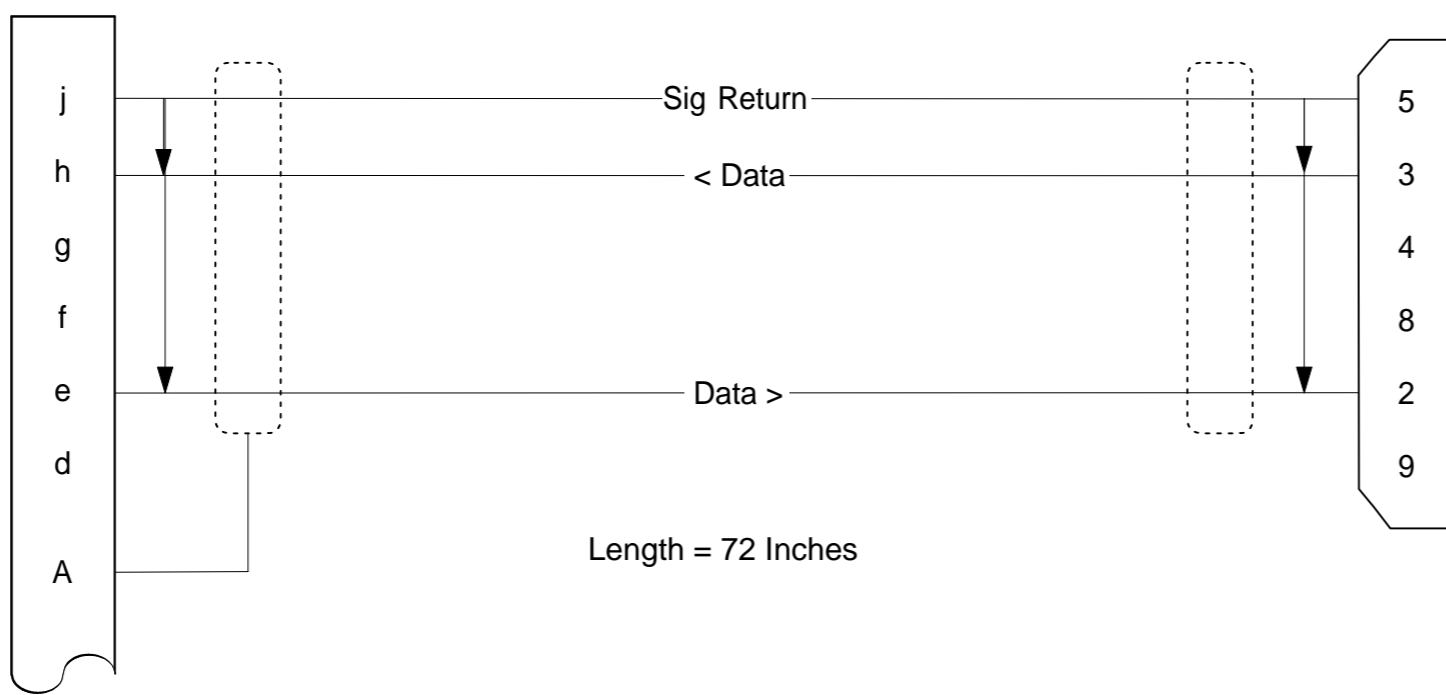
MS3471W18-32P  
M85049/52-1-18W

DE 9S

Sta 4  
J7

Sta 4  
Port 0

To SPPP  
P15  
RefAOC Dwg #930015



HCHO Instrument  
Sta 4 Rack

Inbd Bay, Middle  
25" Up

Notes: - Wire is 24 AWG, twisted triple, Alpha 2464 or equiv.

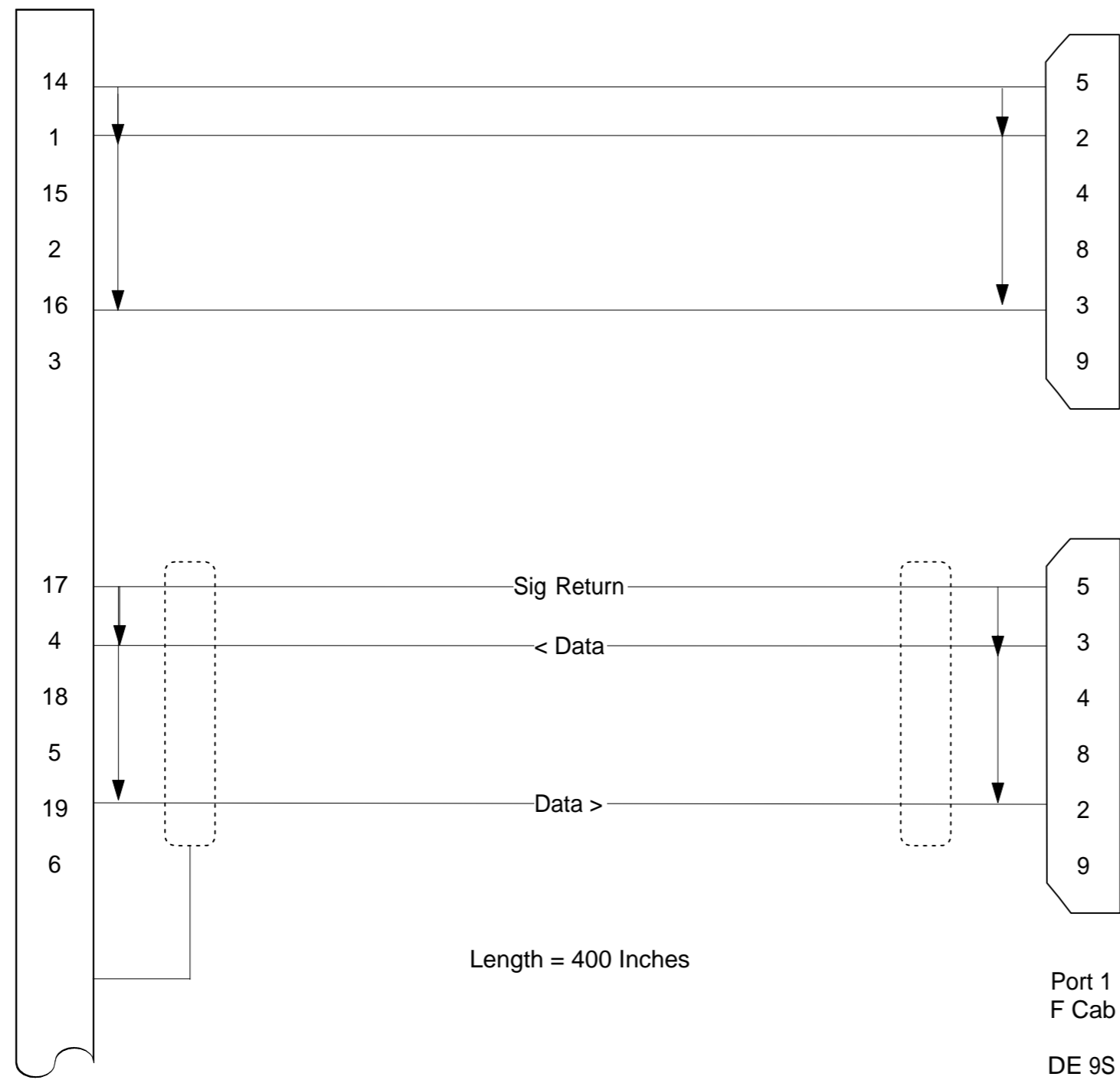
BY	NAME	DATE	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION			
DRAWN	TML	7/12/06	AIRCRAFT OPERATIONS CENTER			
CHECKED			HANGAR 5, MACDILL AFB, FLORIDA 33621			
STRESS			Serial Drop for Sta 4 Ozone '06			
PROJECTS						
PROJECTS						
APPROVED						
REF			CODE/IDENT NO.	SIZE	DWGNO.	REV.
					XX-XXXXXX	
			SCALE: NONE	filename.dxf	SHEET 1 OF	1

M24308/4-3 Connector  
M85049/48-2-3 Strain Relief  
M24308/25-9 Male Screw Lock

DB 25P

F Cab  
Port 0

F Cab  
P43



To DGPS Rcvr  
(Existing)  
RefAOC Dwg 504016

To SPPP  
P43  
RefAOC Dwg#930016

NO3/N2O5 Instrument  
DualPax Station  
Outbd Bay, Aft Face  
23" Up

Port 1  
F Cab  
DE 9S

M24308/2-1 Connector  
M85049/48-2-1 Strain Relief  
M24308/26-1 Female Screw Lock

- Notes: - Wire is 24 AWG, twisted triple, Alpha 2464 or equiv.  
- No RS-232 drop provisions exist for DualPax, Use F Cab drop location.  
- Add Port 1 wire to existing connector at F Cab, P43.  
- Tie shield to backshell at P43

BY	NAME	DATE	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION			
DRAWN	TML	7/12/06	AIRCRAFT OPERATIONS CENTER			
CHECKED			HANGAR 5, MACDILL AFB, FLORIDA 33621			
STRESS			TITLE			
PROJECTS			Serial Drop			
PROJECTS			for DualPax			
APPROVED			Ozone '06			
REF			CODE/IDENT NO.	SIZE	DWGNO.	REV.
					XX-XXXXXX	
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MS3471W18-32P  
M85049/52-1-18W

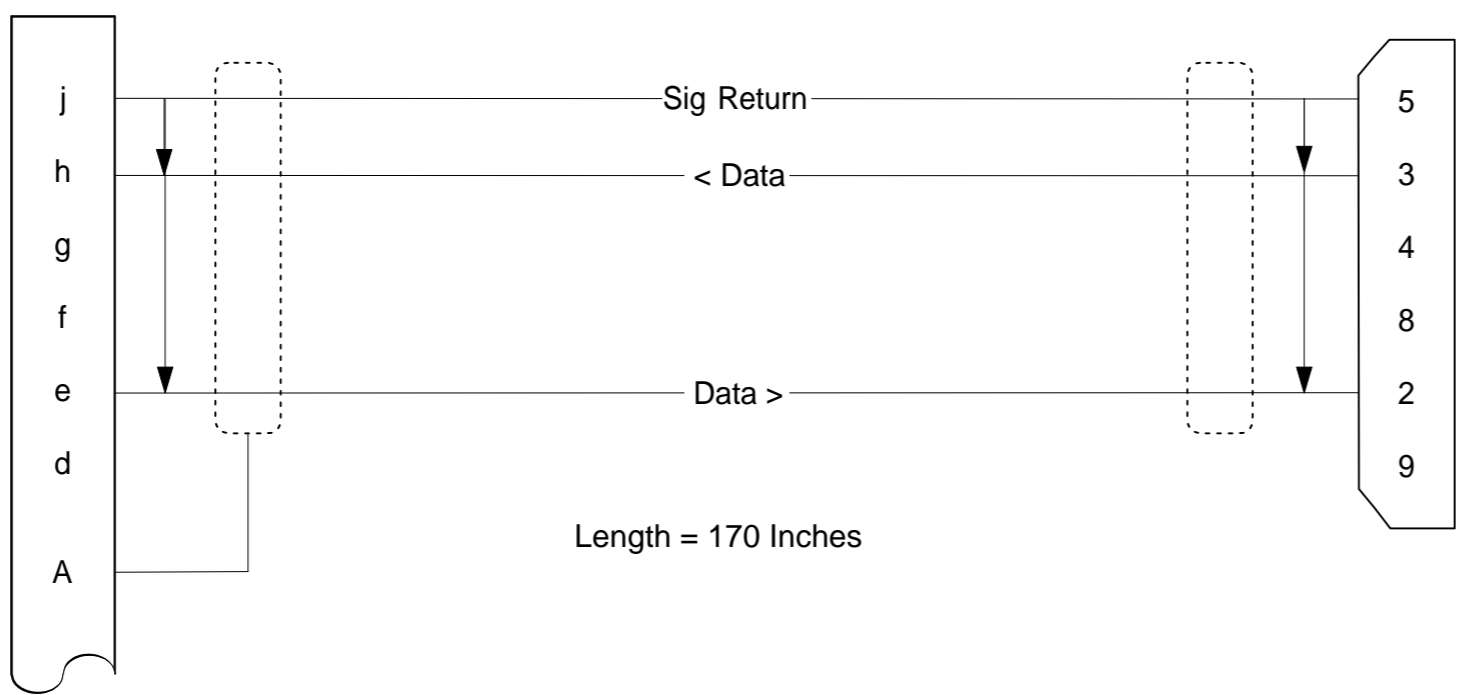
Sta 7  
J7

M24308/2-1 Connector  
M85049/48-2-1 Strain Relief  
M24308/26-1 Female Screw Lock

DE 9S

Sta 7  
Port 0

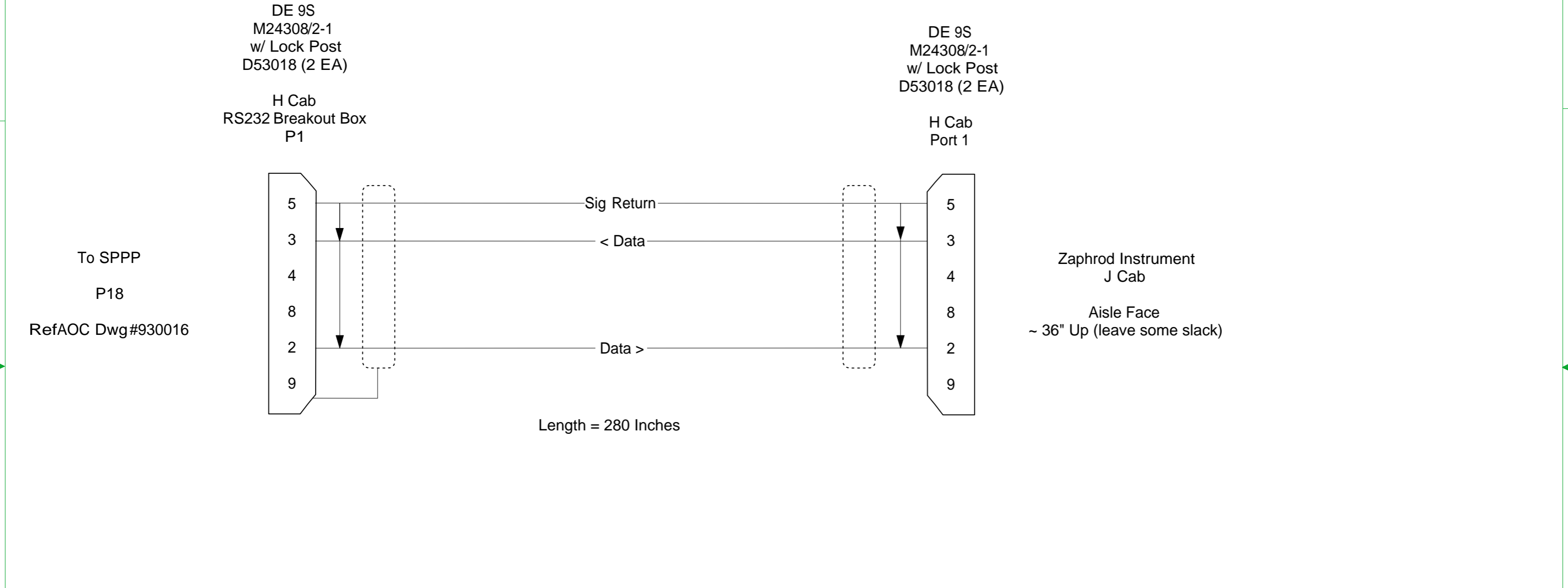
To SPPP  
P45  
RefAOC Dwg #930015



S02 Instrument  
Sta 6 Rack  
Outbd Bay, Center  
18" Up

Notes: - Wire is 24 AWG, twisted triple, Alpha 2464 or equiv.  
- No RS-232 drop provisions exist for Station 6, Use Sta 7 drop location.

BY	NAME	DATE	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION			
DRAWN	TML	7/12/06	AIRCRAFT OPERATIONS CENTER			
CHECKED			HANGAR 5, MACDILL AFB, FLORIDA 33621			
STRESS			Serial Drop for Sta 6 Ozone '06			
PROJECTS						
PROJECTS						
APPROVED						
REF			CODE/IDENT NO.	SIZE	DWGNO.	REV.
					XX-XXXXXX	
			SCALE: NONE	filename.dxf	SHEET 1 OF	1



- Notes: - Wire is 24 AWG, twisted triple, Alpha 2464 or equiv.  
 - No RS-232 drop provisions exist for J Cabinet, Use H Cabinet drop location.  
 - Tie shield to backshell at P1

BY	NAME	DATE	NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION AIRCRAFT OPERATIONS CENTER HANGAR 5, MACDILL AFB, FLORIDA 33621			
DRAWN	TML	7/12/06	Serial Drop for J Cab Ozone '06			
CHECKED						
STRESS						
PROJECTS						
APPROVED						
REF			CODE/IDENT NO.	SIZE	DWGNO.	REV.
					XX-XXXXXX	
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