Approach Fast Stack

Customer: Brett Ferrell 09-275

Serial: P0922275-02

Pin Designations:	A TRANSPONDER DB25M	B GTX-327 DB25F	SHIELD	
A1	6	3		
A2	13	5		
A4	5	6		
B1	15	9		
B2	7	11		
B4	14	12		
C1	9	10		
C2	16	4		
C4	8	7		
D4	17	18		
SIGNAL GROUND	11	**25**		
RS232 IN 1	2	19	1-1	ALT or AIR/FUEL DATA
RS232 OUT 1	20	20	2-1	ALT OUT
RS232 IN 2	3	2	3-1	FROM GPS
REMOTE IDENT		8		#22 White
SUPPRESSION		17	16-1	See NOTE
SUPPRESSION SHIELD		25sh	Shield	
AIRBORNE SENSE		22		#22 White
MASTER ON		1-15		#22 White Jumper
EXT STANDBY SEL		16		#22 White (ACTIVE LOW)
SW PWR OUT		14		#20 White
28V DIMMER		23		#22 Orange
14V DIMMER		24		#22 Orange
11-33 VDC		15		#20 Red - See NOTE
GROUND		13,25		2- #20 Black - See NOTE

Special Instructions:

Overall cable length - 24" (Standard)
Power / Ground / Dimmer / Other pigtails - 48"
Connect A-25 to shields, braid and connector shell.
Mil spec. connector and backshell on client.
Multiple wires connected to some pins.
PRO HUB MODS for GNS-430/530:
C5.4 to C1.3 & C5.5 to C1.20 (RS232 between TRANSPONDER and
GPS1 - GTX-327 and GNS-430)

NOTE: If POWER / GROUND length is over 10 feet then use #18 wire.

Customer Specific Instructions:

Connect the **AIRBORNE SENSE** pigtail to the **squat switch** to automate Flight Timer Start/Stop and to place the GTX-327 in standby mode upon landing.

These functions can also be controlled through an RS232 connection if the GTX-327 is connected to a properly configured GNS-430/530 in GPS1.

NOTE: MASTER ON SEL jumpered to POWER. According to the install manual, when a GTX-327 is used with an altitude encoder that can provide both serial and parallel grey code, connect one or the other but not both. Connect only serial altitude data when driven by a GRT EFIS encoder. Don't connect SUPPRESSION to incompatable units (i.e. KN-62,KN-64,KNS-80) See install manual. Insulate and tuck away any unused wires. **Grayed out items not wired.**

Cable Name:	GTX-327		
Cable Part Number:	7120-0511	Voltage:	14
Hub Compatibility:	PRO / PRO-G	Revision:	B1
Updated By:	jwb	Date:	3/4/2003
ENG. Approval:	tjs	Date:	3/4/2003
MFG. Approval:	wcc	Date:	9/25/2003
QC Approval:	ilw	Date:	9/25/2003
ECO:		Date:	
Printed:	5/29/2009		