

FNAME

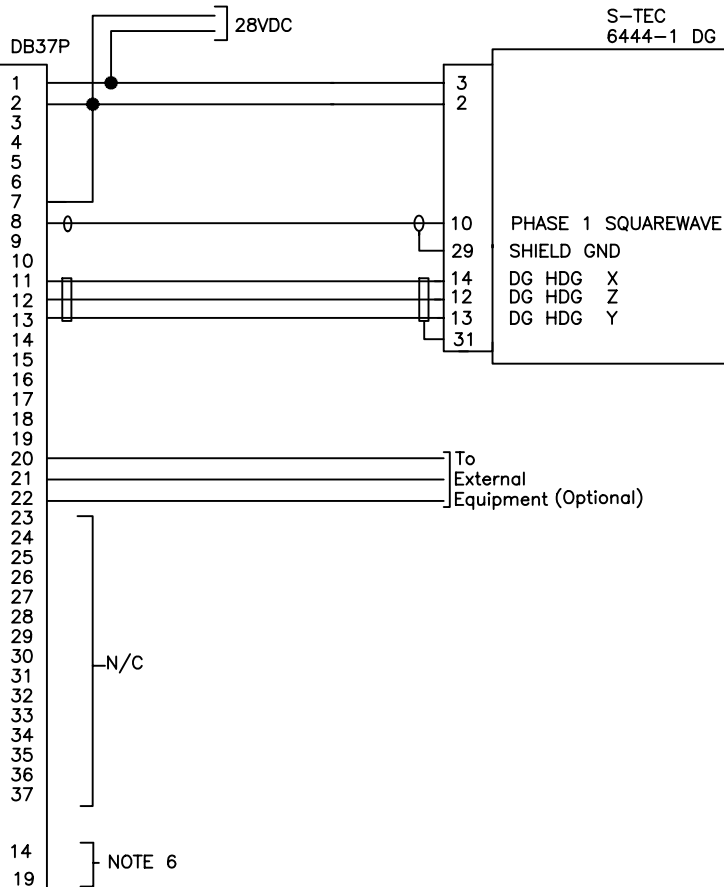
REVDATE

USER

TA-902 API

PWR IN 26VAC/28VDC	1
POWER GROUND	2
RESOLVER S1 (F)	3
RESOLVER S2 (D)	4
RESOLVER S3 (G)	5
RESOLVER S4 (E)	6
REF. INPUT LOW	7
REF. INPUT HI	8
BIT TEST	9
INTERNAL OSC. IN	10
SYNCHRO S1 (X)	11
SYNCHRO S2 (Z)	12
SYNCHRO S3 (Y)	13
RESERVED	14
INTERNAL OSC. OUT	15
RESERVED	16
RESERVED	17
RESERVED	18
RESERVED	19
SYNCHRO CNTL IN	20
MODE CNTL OUT	21
RESOLVER CNTL IN	22
CONV. BUSY (CB)	23
.3515625	24
.0878906	25
.703125	26
.175781	27
180.000	28
.021972	29
45.000	30
90.000	31
11.250	32
22.500	33
2.8125	34
5.6250	35
.043945	36
1.40625	37
RESOLVER PGM IN	14
RESOLVER PGM OUT	19

(W/ MOD 1)



REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
	A	INITIAL RELEASE	3/12/91	K.W.
	B	REVISED DRAWING FORMAT	11/20/04	K.W.

1. API MAY BE POWERED BY 26VAC OR 28VDC. API REFERENCE INPUTS MUST ALWAYS BE 26VAC. FRONT PANEL MOUNTED SWITCH WILL SELECT WHICH INPUT IS DISPLAYED.
2. INTERNAL 400Hz OSCILLATOR WILL ONLY SUPPORT ONE LOAD AND IS INTENDED FOR A COURSE ALIGNMENT.
3. TA900 IS BENCH TOP UNIT AND TA-902 IS A PANEL MOUNT VERSION.
4. TA-902 MUST INCORPORATE MOD 1 TO READ THE SQUAREWAVE SYNCHRO SIGNAL THAT IS GENERATED BY THE 6444-1.
5. NORTH ATLANTIC 800 SERIES API'S WILL NOT READ SQUAREWAVE SIGNALS.
6. THESE ASSIGNMENTS ARE SPECIFIC TO MOD 1 AND ARE DESIGNED TO SUPPORT CAPITAL AVIONICS MODEL CA-2001 ATE EQUIPMENT.



TECH-AID PRODUCTS TULSA, OK USA PH:918-838-8711 FAX:918-835-2282 (techaidproducts.com)		MODEL TA-902		
		TITLE S-TEC INTERCONNECT		
SIZE B	FSCM NO. N/A	DWG NO. TA902A.DWG	REV B	
SCALE NONE		ENG. K. W.		SHEET 1 OF 1

