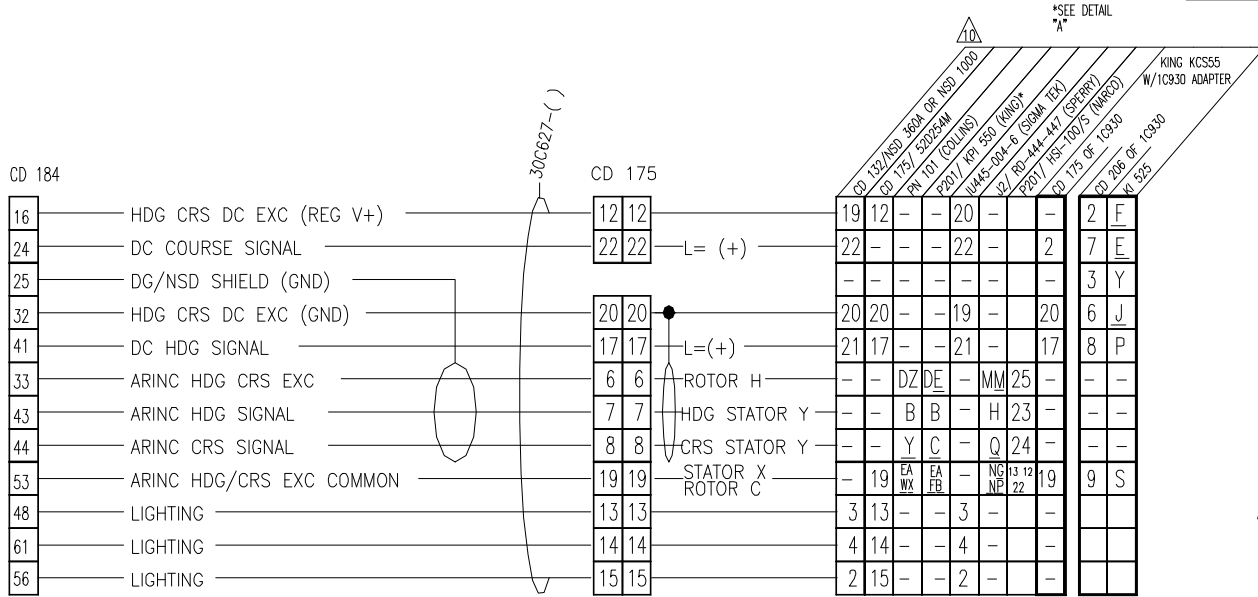
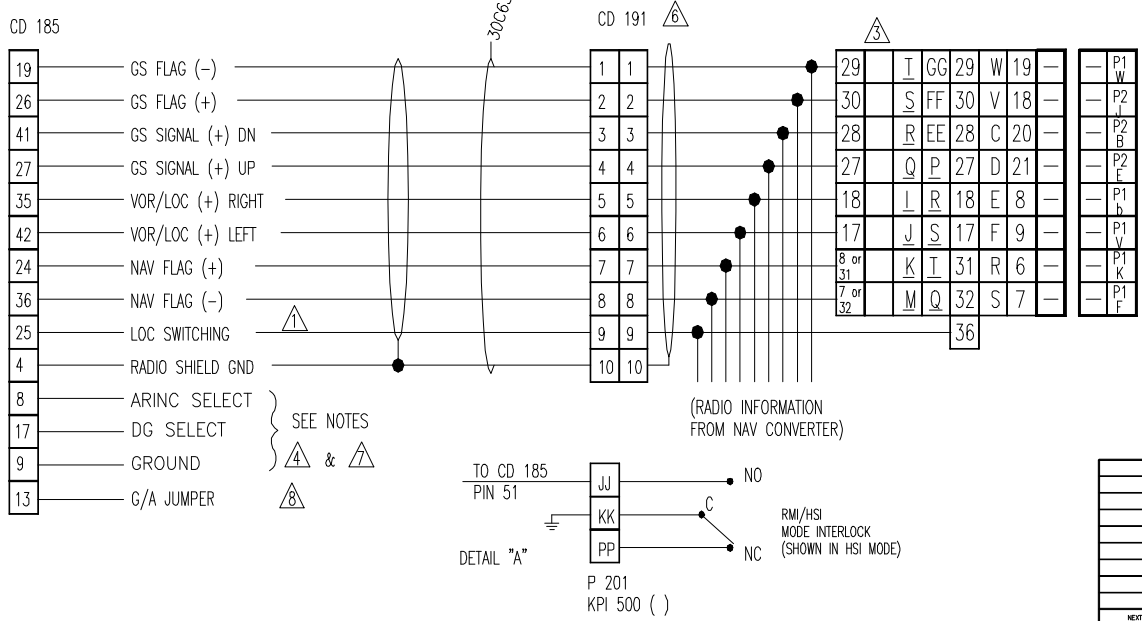


REVISIONS													
REV	PER	EQ	NO	DATE	BY	DESCRIPTION	DATE	APPROVED					
N	REV PER	EQ	12958	8-11-88	WJT	F	REV PER	FECO	3308	4-8-80	LW		
P	REV PER	EQ	12990	10-6-88	SC	G	REV PER	FECO	3407	11-13-80	CJW	LTR	DESCRIPTION
Q	REV PER	EQ	13214	7-25-89	WJT	H	REV PER	FECO	11965	9-15-82	RJW		REL PER EQ 10114
R	REV PER	EQ	13299	11-7-89	POLSTON	J	REV PER	FECO	12218	3-21-84	BLB	A	REV PER FECO 1975
S	REV PER	EQ	14771	4-13-93	COLLINS	K	REV PER	FECO	3627	5-14-84	BLB	B	REV PER FECO 2001
T	REV PER	EQ	16265	3-11-97	COLLINS	L	REV PER	FECO	3686	4-13-86	TS	C	REV PER FECO 3037
U	REV PER	EQ	16762	4-27-98	SC	M	REV PER	FECO	12766	10-23-87	SC	D	REV PER FECO 10813
												E	REV PER FECO 3288
												F	REV PER FECO 3288



- NOTES:
- LOCALIZER SWITCH LINE SHOULD BE GROUNDED WHEN LOCALIZER IS TUNED ON NAV RECEIVER. SEE APPROPRIATE NAV RECEIVER MANUAL FOR CORRECT PIN DESIGNATION.
 - ANY BLOCK CONTAINING MORE THAN ONE (1) PIN CALLOUT DENOTES THOSE PINS BEING JUMPED TOGETHER. UNDERLINED LETTER DENOTES LOWER CASE.
 - WHEN USING 52D254 & M DG OR DG 360A REFER TO APPROPRIATE INSTALLATION MANUAL FOR NAV/GS INFORMATION.
 - JUMPER PINS 8 & 9 TO CONFIGURE COMPUTER FOR ARINC HEADING SYSTEMS (NO CONNECTION ON PIN 17). JUMPER PINS 17 & 9 TO CONFIGURE COMPUTER FOR 52D254 & M DG (NO CONNECTION ON PIN 8). NO JUMPERS REQUIRED FOR DG 360A, NSD 360A, NSD 1000, KING KCS55A w/1C930 ADAPTER BOX OR SIGMA TEK 1U445-004-6 (NO CONNECTION ON PINS 8, 9 OR 17).
 - CD 175 AND CD 191 ARE AMP 28 PIN PLUGS, #205839-3 w/SHELL #206070-1 AND SOCKETS #205090-2. THE MATING CONNECTOR IS AMP RECEPTACLE #206152-1 w/SHELL #206070-1 AND PINS #205089-2 (USE AMP CRIMPING TOOL #599406-6 OR HAND TOOL AMP #M22520/2-01).
 - ALL WIRE TO BE 24 AWG SHIELDED WHERE SHOWN UNLESS OTHERWISE SPECIFIED. SHIELDS TO CONFORM TO MIL-C-7078A. ALL WIRE TO MEET OR EXCEED THE REQUIREMENTS OF MIL-W-16878.
 - ON COMPLETE FACTORY ASSEMBLED CABLE HARNESS 30D630-(), PINS 8, 9 & 17 OF CD 185 WILL HAVE COLOR CODED WIRES BROUGHT OUTSIDE THE CONNECTOR HOUSING FOR EASE OF HEADING SYSTEM CONFIGURATION CONNECTIONS. THE 30D630-() CABLE ASSEMBLY IS SUPPLIED WITH PINS 9 (WHITE) AND 17 (WHT/BLK) CONNECTED WITH A 29S59 BUTT SPLICE, WHICH CONFIGURES THE COMPUTER FOR A 52D254&M DG. IF AN "ARINC" HEADING SYSTEM IS USED, CUT THE WIRES AT THE BUTT SPLICE AND SPLICE PIN 8 (WHT/ORG) TO PIN 9 (WHITE). IF A DG 360A, NSD 360A, NSD 1000, KING KCS55A w/1C930 ADAPTER BOX OR SIGMA TEK 1U445-004-6 IS USED, NO CONNECTION ARE REQUIRED AT PINS 8, 9 OR 17. CUT EXISTING SPLICE AND CAP OFF ALL THREE WIRES.
 - CD 185 PIN 13 IS TO BE CONNECTED TO CD 185 PIN 9 WHEN 1C778-() AUTOPILOT ADAPTER IS INSTALLED.
 - ANY HEADING SYSTEM REQUIRING ELECTRICAL POWER FOR OPERATION OF THE HEADING INDICATOR MUST HAVE A DEDICATED CIRCUIT BREAKER, OF THE SIZE SPECIFIED BY THE MANUFACTURER, CONNECTED DIRECT TO THE MAIN BUS OR ESSENTIAL BUS. FOR NSD 360A USE A 2 AMP CIRCUIT BREAKER. FOR NSD 1000 USE A 3 AMP CIRCUIT BREAKER.
 - WHEN USING A NSD 360A OR NSD 1000 THE 36 PIN RECEPTACLE, AMPHENOL #57-40360 MATES WITH AMPHENOL #57-30360.



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TOLERANCES UNLESS OTHERWISE SPECIFIED		CHECKED E. CAMERON 9-12-78		
DECIMALS: XXX: +/- .005		ENGINEER PHIL COETTEL 9-12-78		TITLE WIRING INTERCONNECT CENT. 41 COMPUTER TO VARIOUS HEADING SYSTEMS
FRACTIONS: +/- 1/64		APPROVED R. WATSON 9-12-78		
ANGLES +/- 0-30°		FILE NAME 63D5851.DWG		SIZE D
REMOVE BURRS AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		
NEXT ASSY USED ON		FINISH N/A		DWG NO. 63D585
APPLICATION		FINISH N/A		
SCALE		SCALE		REV U
FILE: ACAD H:\USERS\DRAWING\SIZE_D		SHEET 1 OF 2		