



Data Entry Keyboard (DEK) KY-941/ASH-37

Data Entry Keyboard (DEK), KY-941/ASH-37 is a microcontroller based unit capable of storing at least sixteen flight relevant data items in a memory and then sending this data to SEI's Structural Data Recording Set (SDRS).

The DEK is capable of informing the operator whether the entered data is within a pre-specified range for that data item; and whether the transmitted data is received correctly by the SDRS. The DEK can enter data items prior to and during flight, or before power is removed from the SDRS system.

POWER REQUIREMENTS:

Input Voltage: ±15 VDC & ±28 VDC

Power Consumption: < 1.5 Watts

Isolation: Power & Signal returns > 50 Mohms

PERFORMANCE:

Environment: Mil-Std 810

Operating Temperature: -54°C to +55°C

Altitude: 70,000 ft

Vibration: 7 G RMS, 20Hz to 2KHz

Shock: 100 G, 11 milliseconds

EMI: Mil-Std 461 / 462

Weight: 3.5 lbs

PRODUCT FEATURES:

- Fully Gen II and Gen III night vision compatible
- Fits in avionics cluster



DATA ENTRY KEYBOARD (KY-941/ASH-37(v))

DEK PROMPT	DESCRIPTION	VALID RANGE
DATE	JULIAN DATE	YDDD
TIME	FLIGHT START TIME (LOCAL)	HHMM
STA9WT	STORE STATION 9 WEIGHT	0 - 900 lbs
STA10WT	STORE STATION 10 WEIGHT	0 - 1600 lbs
STA11WT	STORE STATION 11 WEIGHT	0 - 2600 lbs
STA12WT	STORE STATION 12 WEIGHT	0 - 2600 lbs
STA13WT	STORE STATION 13 WEIGHT	0 - 2600 lbs
STA14WT	STORE STATION 14 WEIGHT	0 - 2600 lbs
STA15WT	STORE STATION 15 WEIGHT	0 - 2600 lbs
STA16WT	STORE STATION 16 WEIGHT	0 - 2600 lbs
STA17WT	STORE STATION 17 WEIGHT	0 - 1600 lbs
STA18WT	STORE STATION 18 WEIGHT	0 - 900 lbs
FW	TAKE-OFF FUEL WEIGHT	0 - 75K lbs
GW	TAKE-OFF GROSS WEIGHT	50 - 160K lbs
C.G.	CENTER OF GRAVITY	10.0 - 45.0% MAC
MC	MISSION CODE	0 - 9
	0 - TRAINING, FUNDAMENTALS	
	1 - TRAINING, INSTRUMENT	
	2 - PATROL	
	3 - TRANSPORT	
	4 - FUNCTIONAL CHECK	
	5 - ASW (WITH OR W/O STORES)	
	6 - TRAINING, COMPOSITE	
	7 - SEARCH & LONG RANGE	
	8 - UTILITY & MEDIUM RANGE	
	9 - OTHER	

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