KEYSET CENTRAL (DIGITAL DATA CONVERTER)
(CV-1123/USQ-20 (V))

INSTRUCTION WORD CODE:

29 - - - - - - - - 24 | 23 - - - - - - - - - - 18 | 17 - - - - - - - - - - - - 12 | 11 10 | 9 | 8 | 7 - - - - - - 4 | 3 | 2 | 1 | 0

- Final Address
- Difference Address
- Starting Address
- not used
- not used
- Error Signal To Address Specified in Bits 2^{12} 2^{17}
- Address To Be Interrogated Specified by Bits 2^{12} 2^{17}
- MASTER CLEAR
- RELEASE LOCAL CONTROL
- RELEASE REMOTE CONTROL
- REQUEST CONTROL

INTERRUPT WORD CODE:

29 - - - - - - - - - - - - not used - - - - - - - - - - - - - - 4 3 2 1 0

- EEC End of error word cycle
- EOC End of operation with error address (ADDRESS FAULT)
- ENC End of normal cycle (ADDRESS CHECK)
- CA Control ACKNOWLEDGE

READY DIGITAL (Radar Data) (12 Bits) WORD:

29 - - - - - - - not used - - - - 12 11 - - - - - - - - - - - - - - - - DATA - - - - - - - - - - 0

DEMAND DIGITAL (Keyset Data) (30 Bits) WORD:

29 - - - - - 30 bits according to code of the KEYSET UNIVERSAL Format - - - - 0

READY ANALOG (Synchro) DATA WORD:

29 - - - - - - - - not used - - - - - - - 16 | 15 - 10 | 9 - 0

- Undefined in single speed
- FOR Dual Speed Synchro
- For 1X synchro MSB 130^0 LSB $.3516^0$
- MSB 320^0 (bit 15) LSB $.009766^0$

ADDRESS

1_8	7_8	DEMAND DIGITAL (Keyset)
10_8	17_8	READY ANALOG (Synchro)
20_8	27_8	READY DIGITAL (Radar Azimuth)
30_8	37_8	DEMAND DIGITAL (Keyset)
40_8	76_8	DEMAND DIGITAL

CONVERTER TEST SELECTOR CONTROL POSITION	DATA FLOW REGISTER INDICATOR OUTPUT															
	2^{15}	2^{14}	2^{13}	2^{12}	2^{11}	2^{10}	2^{9}	2^{8}	2^{7}	2^{6}	2^{5}	2^{4}	2^{3}	2^{2}	2^{1}	2^{0}
1	0	0	0	1	0	1	0	1	0	1	0	1	0	1	0	1
2	0	0	0	0	0	0	0	0	1	0	0	1	1	0	1	1
3	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
4	0	1	0	1	1	1	1	1	0	1	0	1	0	1	0	1
5	0	1	0	0	0	1	1	0	1	0	1	0	1	0	1	1
6	0	0	1	0	1	1	1	0	0	0	0	0	0	0	0	0

RD-243/1243 MAGNETIC TAPE UNIT

FUNCTION WORD:

29 - - - - - - - not used - - - - - 14 13 12 11 10 9 8 7 6 5 4 3 2 1 0

- TTU (Tape Transport)
  - 01 TT 1
  - 10 TT 2
- DENSITY 0 Low, 1 High
- FORMAT 0 Octal (NTDS)
  - 1 Binary 0 NIVAC)
- DIRECTION 0 Forward, 1 Reverse
- Not used
- REWIND W/ LOCKOUT
- REWIND
- READ/WRITE 1 Write
- Not used
- MASTER CLEAR
- RELEASE LOCAL CONTROL
- RELEASE REMOTE CONTROL
- REQUEST CONTROL

STATUS WORD FORMAT:

29 28 27 26 25 24 23 - - - - - - -