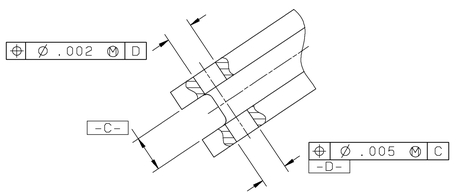
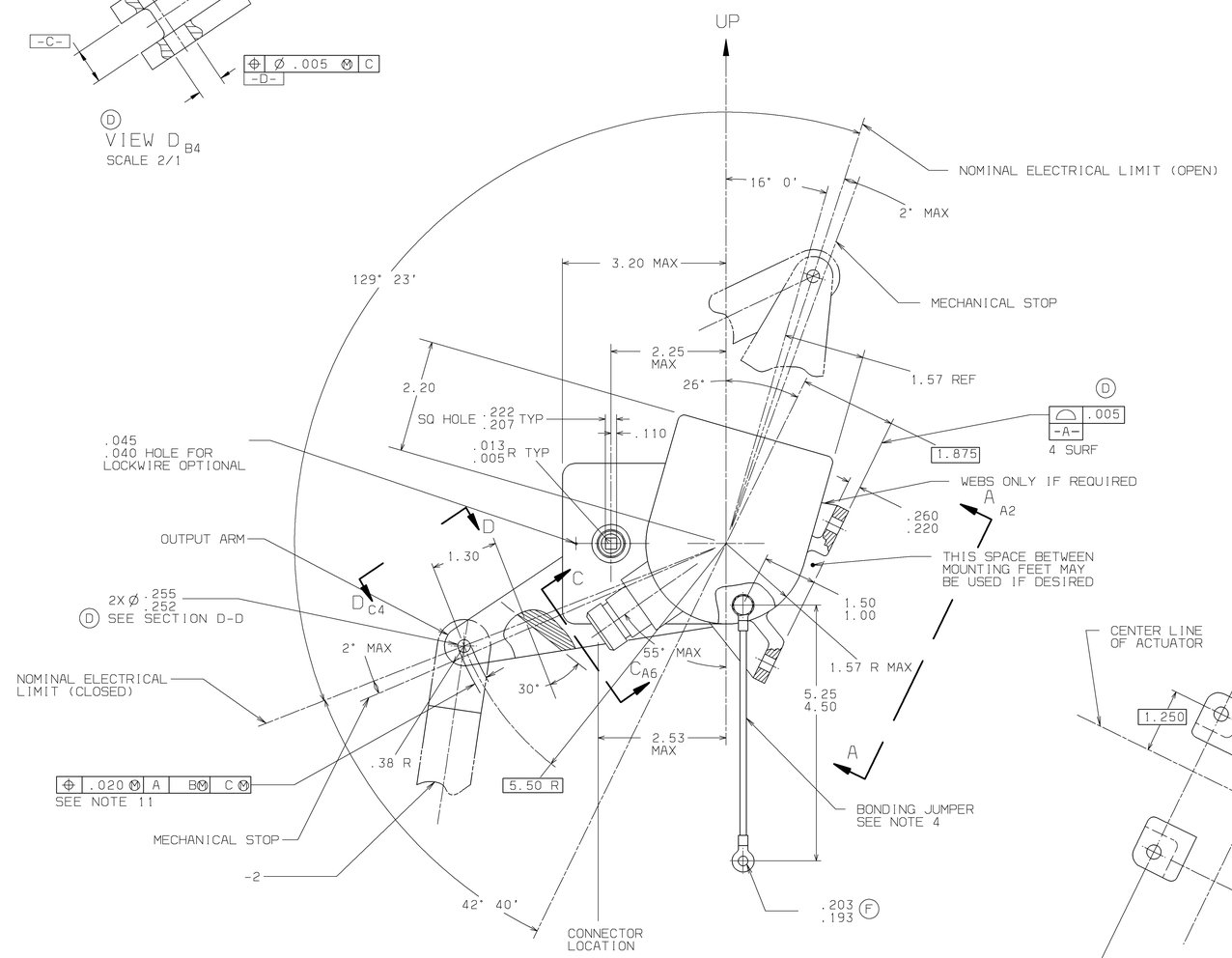
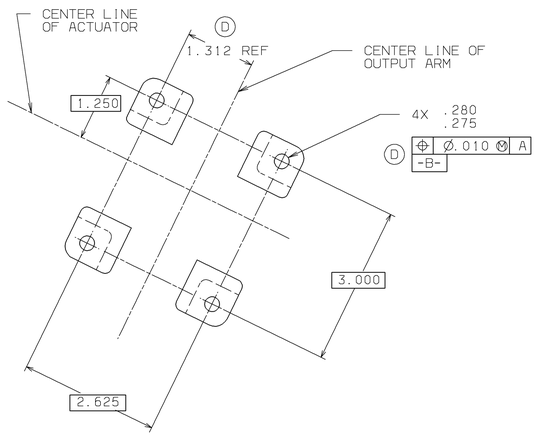
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
C6	A	DESIGN CHG ECN 97T41	05/21/96 05/17/96	K. POLOZOLA WE BRANDON
B2 A8 C6	B C D	CONVERTED SH 1 FROM CADAM TO CATIA INC ECN 650A9 INC ECN 673A6 INC ECN 571A9	 05-12-00 05-01-00	 D. TUCKER G. HEMPHILL
B6	E	DESIGN CHG ECN 675B1	10-16-00 09-27-00	D. TUCKER CA WEBSTER
B3	F	DESIGN CHG ECN 784B3	11-28-00 11-13-00	D. TUCKER CA WEBSTER
C5	G	DESIGN CHG ECN 553C7	08-24-01 08-10-01	D. TUCKER CA WEBSTER



(D) VIEW D B4
SCALE 2/1





VIEW A-A B3

(E) 12. DIMENSION PRIOR TO PAINT.
(D) 11. MEASURE AT FULL ELECTRICAL CLOSE, OPEN AND APPROXIMATELY MIDSTROKE.

10. SERVICE DATA: 16VK056001-1 AND 16VK056001-2 AS A UNIT MAY BE USED FOR ALL REPLACEMENTS OF 16VK013001 AND 16K0711 AS A UNIT.

9. REQUIREMENTS FOR -2 ADJUSTABLE CONNECTING LINK:
   A. LENGTH OF THE CONNECTING LINK SHALL BE ADJUSTABLE BY HAND OR BY COMMONLY AVAILABLE TOOLS.
   B. A MEANS OF DISCERNING EQUAL INCREMENTS OF ADJUSTMENT EITHER VISUALLY OR BY TACTILE FEEDBACK SHALL BE PROVIDED.
   C. A MEANS FOR LOCKING THE LENGTH ADJUSTEMENT SHALL BE PROVIDED.
   D. THE MEANS OF ADJUSTMENT SHALL BE EASILY ACCESSIBLE WHEN THE CANOPY IS IN THE OPEN POSITION.
   E. THE DIRECTION OR SENSE OF ADJUSTMENT NECESSARY TO INCREASE LENGTH SHALL BE INDICATED ON THE LINK.
   F. IT SHALL NOT BE POSSIBLE TO SEPARATE THE LINK INTO TWO PARTS BY OVER-DRIVING THE ADJUSTMENT IN THE DIRECTION THAT INCREASES LENGTH.
   G. LENGTH ADJUSTMENT SHALL BE POSSIBLE WITH A TENSION LOAD OF 800 LB MAXIMUM APPLIED TO THE LINK.
   H. SET ADJUSTABLE LINK TO 7.27 ±.01 FOR SHIPMENT.

(D) J. THREADED PORTION OF ADJUSTMENT FEATURE NOT TO BE PAINTED BUT MADE OF CORROSION RESISTANT MATERIAL.

(G) K. THE LINK SHALL BE MARKED FOR IDENTIFICATION IN ACCORDANCE WITH FPS-3008. IDENTIFICATION SHALL INCLUDE AT LEAST THE FOLLOWING: LOCKHEED MARTIN COMPONENT NUMBER 16VK056001-2, MANUFACTURER'S CAGE CODE, NAME, AND PART NUMBER.

8. SUPPLIER TOP LEVEL ASSY DRAWING SHALL SPECIFY ANGULAR DISTANCE AND TOLERANCES BETWEEN THE ELECTRICAL AND MECHANICAL STOP POSITIONS.

(G) 7. ACTUATOR ELECTRICAL LIMITS SHALL BE SET TO NOMINAL ±0.5° PRIOR TO SHIPMENT.

6. GEOMETRIC DIMENSIONING AND TOLERANCING IS IN ACCORDANCE WITH ANSI Y14.5M-1982.

(B) 5. EXTERNAL FINISH TO BE AS FOLLOWS:
   A. CLEAN AND SURFACE TREAT PER 3.1 OF FPS-3001 PER BASIC ALLOY.
   B. APPLY MIL-P-85582 PRIMER, 1 COAT.
(D) C. APPLY MIL-C-85285 OR MIL-C-22750 TOP COAT PER FED-STD-595, BLACK, COLOR 37038, 1 COAT.
   D. OMIT PRIME AND PAINT FROM ELECTRICAL RECEPTICAL, MANUAL DRIVE RECEPTICAL, SLOT OF OUTPUT ARM, HOLES IN THE OUTPUT ARM AND HOLES IN MOUNTING FEET PADS.

4. PREPARE SPECIFIED SURFACES AND ELECTRICAL BOND PER FPS-3024. PREPARE MOUNTING SURFACES FOR .25 INCH BEYOND EDGE OF JUMPER TERMINAL.

3. ACCEPTANCE TEST PER VENDOR ACCEPTANCE TEST PROCEDURE (ATP).

2. IDENTIFICATION OF THE SUGGESTED SOURCE(S) OF SUPPLY HEREON IS NOT TO BE CONSTUED AS A GUARANTEE OF PRESENT OR CONTINUED AVAILABILITY AS A SOURCE OF SUPPLY FOR THE ITEM(S).

1. PROCUREMENT SPECIFICATION: 16ZK056

NOTES (EXCEPT AS SHOWN)

DISTRIBUTION STATEMENT A. APPROVED FOR PUBLIC RELEASE; DISTRIBUTION IS UNLIMITED

ALL SHEETS OF THIS DRAWING BEAR THE SAME REVISION LETTER.

SPECIFICATION CONTROL DRAWING

MATERIAL	XXXXXXXXXXXX	XXXXXXXX
MFG ENGR	XXXXXXXXXXXX	XXXXXXXX
XXXXXXX	XXXXXXXXXXXX	XXXXXXXX

UNLESS OTHERWISE SPECIFIED DIMENSIONS IN INCHES

LINEAR TOL	.XX	±.03
	.XXX	±.010
ANGULAR TOL		±0°30'

NEXT SECTION LETTER: E

CONTRACT NO F42600-92-D-0316

XXXXXXXX	XXXXXXXXXXX	XXXXXXXX
MATL&PRCS	JG KELLEY	08/29/95
WEIGHTS	STAN FLORES	08/29/95
STRESS	DL WHITELEY	08/29/95
SPCL ENGR	RL FULTON	09/05/95
GP CHIEF	JF KILPATRICK	09/05/95
CHECK	K. POLOZOLA	09/05/95
DFT/DSGN	WE BRANDON	08/23/95

LOCKHEED
FORT WORTH COMPANY FORT WORTH, TEXAS

ACTUATOR, CANOPY-ELECTROMECHANICAL, ROTARY, SINGLE PLACE

SIZE	CAGE CODE	DWG NO
J	81755	16VK056001

SCALE 1/1 SHEET 1 OF 1

B SH 1 16VK056001 G

6001 SH 1 REV G

DATASET RATING 1