REV:	ENGINEERING DATA REQUIREMENTS (ATTACHMENT "A")

NOTE: MILITARY SPECIFICATIONS /STANDARDS WILL NOT BE FURNISHED IN THE BID SET.

1. THE FOLLOWING INSTRUCTIONS ARE FURNISHED FOR THE MANUFACTURE OF

PIN, TRUNNION-SHOCK STRUT, NLG F-16

2. PART NUMBER	3. NATIONAL STOCK NUMBER
2007625-7	5315-01-255-6811LE

4. THE FOLLOWING SPECIFICATIONS/STANDARDS, ETC., WILL BE USED IN LIEU OF THE DATA INDICATED. THE SUPERSEDED DATA WILL NOT BE FURNISHED UNLESS SO INDICATED.

5. OO-ALC/LGHEL system engineering retains all rights to review and accept/reject Material Review Board (MRB) dispositions prior to shippment of discreptant item. All deviations, minor and major, from the Engineering Drawing package shall be submitted for MRB disposition.

6. Prior to contact award, the contractor shall certify to the Government in writing full compliance with Manuals, Specifications and Standards called out and required for the maufacture of this contracted Landing Gear component/ assembly. Contractor is responsible to completely search these Manuals, Specifications and Standards and fully understand the requirements nieccessary to manufacture Landing Gear components. Any questions can be forwarded to the office of OO-ALC/LGHEL.

7. Unique Identification (UID) shall be applied to each part per Mil-STD-130. The UID shall be Machine Readable Information (MRI) mark. The MRI shall be accompanied by a Human-Readable Information (HRI) marking which is limited to 16 alphanumericcharacters including the vendor CAGE (FSCM) of the contractor named on the contract, date of manufacture in the format MMYY, and a unique 4-digit number starting with 0001 in numerical order of manufacture. The HRI appear as "SN 9874701040001". The height of each alphanumeric character in the HRI shall be a maximum of 0.125 inches. Markings for both the MRI and HRI shall be to SAE AS9132 with an allowable depth of 0.004 to 0.007 inches. The UID shall be placed in the part number marking location shown on the drawing. The method of marking for both the MRI and HRI shall be dot peen, vibro peen, Electro-chemical etch or micro-mill. The part per note flag note 10 shall be marked only using HRI method at the specified depth.

8. Cadmium plate per MIL-STD-870 Type II Class 3 in lieu of MM5542 and MM4951.

9. Chrome per MIL-STD-1501class 2 in lieu of QQ-C-320 Class 1.

10. Shot peen per SAE AMS-S-13165 in lieu of MIL-S-13165.

11. Subject componet has been designated a critical safety item (CSI). This ECO defines critical characteristics as follows: Add CSI to notes 2, 4, 5, 6, 7, 19.

12. Surface Roughness per ASME B46.1 in lieu of ANSI B46.1.

13. Dimensioning per ASME Y14.5 in lieu of ANSI Y14.5

14. Primer per MIL-PRF-23377 , in lieu of MIL-P-23377.

15. Grind per MIL-STD-866 in lieu of MM5759.

16. Corrosion Protection per MIL-PRF-16173, Grade 3 or MIL-C-11790, Class 3 in lieu of MM5752.

17. Heat Treat Per SAE AMS-H-6875 in lieu of MIL-H-6875.

PREPARED BY	SYMBOL	DATE
Wil Honsvick	LGMPE	20070510

REV.	ENGINEERING DATA REQUIREMENTS CONTINUATION SHEET *(ATTACHMENT "A")*

PART NUMBER	NATIONAL STOCK NUMBER
2007625-7	5315-01-255-6811LE

18. Perform Magnetic Particle Inspection per ASTM E 1444 MIL-I-6868. Use full wave direct current (FWDC), wet continous method, fluorescent type with the following acceptance/rejection criteria:
NO DEFECTS ALLOWED. The Intent of No Defects allowed is that the inspection is conducted at the required sensitivity level and there shall be no relevant indications allowed. The inspector performing the inspection shall be certified to level II with the inspoection procedure developed by a level III as specified in ALA/NAS NAS-410.

PREPARED BY	SYMBOL	DATE
Wil Honsvick	LGMPE	20070510

FIRST ARTICLE REQUIREMENTS

(AFMCI 64-110, AFMCI 23-102 and FAR Part 9, Sub Part 9.3) (Additional Instructions on Page 3)

1. DATE: 20070404

2. P/R/MIPR NUMBER:

3. PART NUMBER: 2007625-7

4. NSN: 5315-01-255-6811LE

5. FIRST ARTICLE QUANTITY
THE FIRST ARTICLE IS 1 UNIT(S) OF LOT/ITEM 1

AND WILL BE: ☐ PART OF PRODUCTION QUANTITY ☒ IN ADDITION TO PRODUCTION QUANTITY

6. ARTICLES
☐ WILL ☒ WILL NOT SERVE AS A MANUFACTURING STANDARD

7. LONG LEAD TIME ITEMS
☒ REQUIRED ☐ NOT REQUIRED
(See FAR 52.209-3 or -4, alternate II)

8. SPECIAL REQUIREMENT/PRODUCTION FACILITIES *(See FAR 52.209-3 or -4 Alternate I)*
☒ REQUIRED ☐ NOT REQUIRED
"The First Article offered must be manufactured at the facilities in which that item is to be produced under the contract, or if the First Article is a component not manufactured by the contractor, such component must be manufactured at the facilities in which the component is to be produced for the contract. A certification to this effect must accompany each First Article which is offered."

9. TEST/INSPECTION REQUIREMENTS

A. ☐ CONTRACTOR TESTING ☒ GOVERNMENT TESTING
Performance or other characteristics which the First Articles must Meet are conformance with all drawings and specifications in the contract.

B. The detailed technical requirements for First Article approval tests are contained in all drawings and specifications in the contract.
(Cite Spec and Para number)

C. ☐ TEST PLAN REQUIRED
(1) DD Form 1423 ELIN _____
(2) Delivery due _____ calendar days from date of contract.
(3) Number of days for government approval/disapproval _____ days.

D. Contractor's notification to ACO and _____ *(Requesting Activity)* of test time and location due _____ days prior to start of testing.

E. ☐ TEST REPORT REQUIRED
(1) DD Form 1423 ELIN _____
(2) Due _____ calendar days from date of contract.
(3) Forwarded to _____
(4) Government written notice of approval/disapproval due _____ days after receipt of contractor's report.

F. FIRST ARTICLE DELIVERY:
(1) Due within _____ calendar days from date contract.
(2) Notify 15 calendar days prior to shipment.
(3) Delivery to government at
OO-ALC/MADLV
ATTN: Non Acct Bay, Transportation Officer
Bld 849, Hill AFB UT 84056-5731
(Set Forth Consignee and Address)
(4) Government written notice of approval/disapproval within 90 days after receipt of first article package.

G. Estimated cost of government testing/inspection evaluation.
$500.00

10. DISPOSITION OF FIRST ARTICLES

☒ Approved First Articles will be forwarded to Supply.

☐ _____ *(insert quantity)* First Articles will be expended in testing. Residual components of disapproved First Articles ☐ will be Returned to the contractor/ ☐ will be retained by _____ pending disposition instructions from The contractor.

☐ First articles will be installed on aircraft/equipment to determine Proper fit/function. Approved article will remain on the aircraft/equipment and will not be forwarded to USAF Supply, but will be considered part of the contract quantity.

☐ Disapproved first articles will be returned to the contractor/
☒ will be retained by OO-ALC/MADLV pending disposition instructions from the contractor

☐ On purchase requests designated as direct shipments the Following disposition will apply. (NOTE: Always applicable on Foreign Military Sales (FMSI).
a. Approved first articles will be returned to the contractor for shipment with production item.
b. Disposition of disapproved first articles will remain the same as marked above.

☐ Other Disposition: _____

AFMC FORM 260, 20020830 (*EF-V1*) PREVIOUS EDITION IS OBSOLETE

FIRST ARTICLE REQUIREMENTS

(AFMCI 64-110, AFMCI 23-102 and FAR Part 9, Sub Part 9.3) (Additional Instructions on Page 3)

1. DATE	2. P/R/MIPR NUMBER	3. PART NUMBER	4. NSN
20070404		2007625-7	5315-01-255-6811LE

11. CONDITION(S) FOR WAIVER OF FIRST ARTICLE APPROVAL

a. [X] Offerors who have previously furnished production quantities of the same or similar article to the prime contractor for delivery to the _____Government,_____DoD, _X_ Air Force.

b. [X] Offerors currently in production of the same or similar article for a_____Government,_____DoD, _X_ Air Force contract and who have received First Article approval under the existing contract.

c. [X] Offerors who have previously furnished production quantities of the same or similar articles for a_____Government,_____DoD, _X_ Air Force provided articles thus furnished have exhibited satisfactory performance in service, in the opinion of the Air Force.

d. [X] Provided not more than _0_ months have elapsed since completion of the contract.

e. [ ] First Article testing will not be waived.

f. [X] See remarks in block 12 below.

NOTE TO BUYER: UNDER CONDITIONS A AND C ABOVE, THE COGNIZANT ENGINEERING ACTIVITY WILL DECIDE WHETHER OR NOT THE ITEM HAS EXHIBITED SATISFACTORY PERFORMANCE IN SERVICE AND PREPARE AND RETIAN SUPPORTING DOCUMENTATION TO FULLY JUSTIFY THIS DECISION. THE BUYER MUST SOLICIT DUAL PRICES *(That is, both with and without requirement for first article approval)* AND MUST FURNISH THE COGNIZANT ENGINEERING ACTIVITY WITH THE FOLLOWING INFORMATION ON THE PREVIOUSLY SUPPLIED ARTICLE:

A. PROCURING OFFICE	B. CONTRACT NUMBER	C. DATE OF CONTRACT	D. SPECIFICATION NUMBER AND REVISION

12. REMARKS

The manufacture of this item require techniques, processes, tooling or finish(es) of such a nature that only by First Article testing and evaluation can assurance be obtained that a contractor has the capability of producing the item in accordance with the instructions and data supplied or specified.

Vendor will only be allowed one attempt to receive full or conditional approval. Failure to receive approval of First Article inspection will result in termination of the contact, and subsequent removal of the vendor as an approved source (if the item is AMSC coded C).

13. COGNIZANT ENG ORGANIZATION RESPOSIBLE FOR CONDUCTING AND/OR APPROVING TEST *(Name, Organization, Phone)*	14. PR INITIATOR *(Name, Organization, Phone)*
Ken Spomer, 515 CBSS GBEA, (801) 775-6059	

REVISION:

ENGINEERING DATA LIST

* HISTORY *

DATE :	DATA TECH :	ORGN SYMBOL :	PR NR :	APPLICATION:	PAGE
21SEP05	SDT	LGMPE		F-16	1 OF 1

CAGE:	MANUFACTURER NAME:	REFERENCE NR:	NOUN :	NSN :
13002	GOODRICH LANDING GEAR DIVISION OH	2007625-7	PIN, STRAIGHT	5315012556811LE

CAGE	DRAWING NUMBER	REV	NR SHEETS	NR CARDS	FURN CODE	DIST CODE	NOUN	REQUIREMENTS
17578	2007625 /	D	0000	0000	S		PIN TRUNNION	W/ECD 004691
39661	G-ABC/LGMPE /		0000	0000	X		ENGR DATA RQMTS (ATT A)	

STANDARD ENGINEERING TEXT

ENGINEERING DATA LIST REMARKS

CAGE CODE MAY BE LISTED AS 13002, 17578 AND 39661.

FURNISHED METHOD CODE LEGEND:

C - CLASSIFIED DOCUMENT.
S - FURNISHED WITH SOLICITATION.
M - STABLE BASE DRAWING REQUIRED; FURNISHED WITH CONTRACT AWARD.
X - DATA SUPPLIED (NOT IN EDCARS).
E - FURNISHED BY ECD UPON REQUEST.
P - PARTIAL DOCUMENT FURNISHED.
V - VENDOR DRAWING; (NOT PROVIDED).
G - GOV'T DOCUMENT
O - OTHERS, CONTRACTOR MUST ACQUIRE.
A - DATA NOT AVAILABLE.