

# CFN Supplier Flow Down: End user Safran Landing Systems

Supplier must comply with [CFN Standard Purchase Order Terms and Conditions](#) and [CFN-QA-SQR-0001 Supplier Quality Requirements Manual](#). Refer CFN website [www.cfnprecision.com](http://www.cfnprecision.com), suppliers tab.

*This purchase order is for a Safran Landing Systems contract and the requirements of Safran Landing Systems GRP-0087 and SREQ-SLS-001 apply.*

Supplied item/process/services shall be to the latest specification.

Suppliers for special processes listed in LIST-MBD-124 shall work to Safran Landing Systems approved MPS/Technical Plan/Technical sheet (TS)/Critical Operation Sheet (COS)/Technical Data Sheet (TDS) and revision as applicable and shall quote the number and revision on their certificate of conformance. No changes shall be made to without Safran Landing Systems approval, reference SREQ-SLS-005 (SREQ-MBD-005) for requirements.

Suppliers for special processes shall be listed on Safran Landing Systems DK6000 for the process and specification being performed. Material/Mill/Stockist suppliers shall be listed on Safran Landing Systems DK6000 for the material and specification being supplied. Note for Safran Landing Systems customer specifications the supplier must maintain the applicable Safran Landing Systems customer approval. For Boeing D1-4426 Processes refer to the following link for a list of approved processors and information regarding Nadcap approval requirements:

<http://www.boeing.com/companyoffices/doingbiz/d14426/index.html>

For heat treat IAW PCS1100 Class 1 parts, as well as class 2 and 3 parts >220 KSI, require one hundred percent hardness inspection and must be certified as such on the certificate of conformance. For serialized parts, heat treat sources shall record actual hardness values for each serial number. For all other class 2 and 3 parts 10% of the parts heat treated per load require hardness test.

For heat treatment IAW DCMP 130 hardness testing shall be performed on each heat treat lot.

## **For machining suppliers;**

Use of approved lubrication/coolant per PCS4002 is required for machining of finish dimensions. Lubricant/coolant utilized must be documented on the certificate of conformance.

Calibrated functional gauges shall be utilized on splines.

Calibrated functional gauges shall be utilized on threads.

For all Suppliers involved and working on dedicated programs requiring a Digital Product Definition, following an evaluation to determine the Level of CATIA Authority, compliance to SREQ-SLS-014 is mandatory.

In addition to First Article Requirements specified in CFN-QA-SQR-0001 supplier shall comply with the requirements of Industrial Validation Process (DVI), reference GRP-0087 Part C. Contact CFN Precision Quality Engineering to make arrangements.

In addition to Certificate of Conformance requirements specified in CFN-QA-SQR-0001 suppliers working to D1-4426 Processes shall list the title of the process specification being performed, the date processing occurred and the processor's Boeing assigned code from D1-4426 listing.

For part classified as MBD "Class 1" or "AFA" or "DESIGNATED PART PER DCMP-163" part manufacturing plan approval by Safran Landing Systems is required. Post heat treatment parts shall be processed to Safran Landing Systems approved Technical Data Sheet (TDS) for non -AFA parts or Critical Operation Sheet (COS) for AFA parts, in accordance with PCS-4100 and SREQ-SLS-005 (SREQ-MBD-005).

For part classified as Boeing "DESIGNATED PART" manufacturing plan approval per D6-1276 is required

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Raw Material requirements, reference SREQ-SLS-001

Activity Type	Raw Material supply Rule	Exceptions
A	Safran Landing Systems Approved Suppliers / Sites for the raw material specification	<ul style="list-style-type: none"> <li>Foundries shall purchase raw material from their own suppliers for ingredients</li> <li>Forgers: As per SREQ-SLS-002</li> <li>For machinist of non-finished products, raw material purchase is not authorized, Raw material is supplied by Safran Landing Systems</li> <li>The Supplier shall purchase elastomer from Material Elaborator approved by Safran Landing Systems</li> <li>Own supplier list if delegated by Safran Landing Systems.</li> </ul>

Activity Type A= Build to Print Supplier

Sub-tier subcontract requirements, reference SREQ-SLS-001

Activity Type	Sub-tier subcontractors authorized	Exceptions
A	Safran Landing Systems Qualified / Certified Supplier List	<ul style="list-style-type: none"> <li>Machining, assembly, sub-assembly which is not considered as special process: Own Supplier list.</li> <li>Forgers as per SREQ-SLS-002</li> <li>Mills as per SREQ-SLS-004</li> </ul>

Activity Type A= Build to Print Supplier