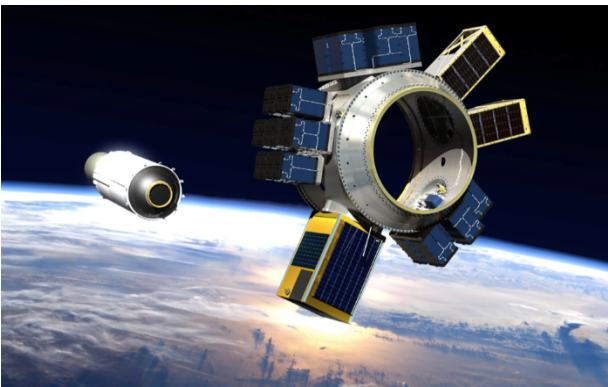


MOOG



Supplier Routing Guide

MOOG Aircraft Group, USA

MOOG Space & Defense
Group, USA

VERSION 2.5, NOVEMBER 1, 2018

MOOG INC. | 160 Jamison Road, Elma, NY 14059

This document does not contain Technical Data or Technology as defined in the ITAR Part 120.10 or EAR Part 772

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DOCUMENT CONTROL

VERSION	ISSUE DATE	DOCUMENT OWNER	REMARKS
1.0	6/10/2016	David Velasquez, EA-AG	New guide issued. Previous 3/18/2013 replaced.
1.1	6/21/2016	David Velasquez, EA-AG	Added ability to open embedded documents Added Section 2.4
1.2	8/15/2016	David Velasquez, EA-AG	Added MOOG plant address information in Section 2.4 Added Section 2.5 Added Section 3.1.1.1 Added 3.1.1.2 Added 123 Delivery instructions Added clarification to Section 3.1.2 Added Section 4.3.2 – Changed direct shipment to Baguio under 150lbs from UPS to DHL Express. Added further clarification in Section 6.1.1
1.3	6/1/2017	David Velasquez, EA-AG	Revised LTL Routing Guide - Page 10 Added Contact Information 2.4 Many Changes to 4.3 – 4.4 (Account numbers and carrier specification) Added 5.2.3.1.2 Information on how to obtain NMFC codes for freight Added Section 6
1.4	6/5/2017	David Velasquez, EA-AG	Section 4.3.3 – Changing Express Shipping (Parcel Service) back to UPS
1.5	9/6/2017	David Velasquez, EA-AG	Added Table of Contents Section 2.4 – Correct Plant 17 Address Section 3.1.1.3 – Added Jet Delivery for Torrance Courier Shipments Section 4.3.2.1.2 – Added FedEx Account Numbers Section 4.3.4.1 – Added UPS SCS and DGF Account Numbers Section 4.5 – AOG Shipment process updated
1.6	11/28/2017	David Velasquez, EA-AG	Section 4.3.2.1.2 & Addendum B – Updated Torrance FedEx account number
1.7	01/15/2017	David Velasquez, EA-AG	Addendum B – Updated Torrance Account Number
1.8	01/26/2018	David Velasquez, EA-AG	Removed all reference to Freight Account Numbers & Addendum B
2.0	08/15/2018	David Velasquez, EA-AG	Section 2.5 – Added specifications to have the Moog Supplier Number and PO Number in the Carrier Ref field Section 3.8 – Need Moog PO in Ref# Section 4.3.4 - Removed Heavyweight Routing Instruction Attachment Section 6 Packaging – Added

			Section 7 High Value Shipments – Added Section 9 Non-Conformance - Added Added Addendum B – Heavyweight Routing Instructions Added Addendum C – Non-Conformance Penalties
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APPROVALS

NAME	DATE ACCEPTED
David Velasquez, Aircraft Group Global Logistics Manager	
Deborah Lyons, Aircraft Group Logistics Integration Manager	
Joe Stein, East Aurora AG Logistics Manager	
Chris Terrano, Torrance AG Logistics Manager	
Kevin Walek, AG Director of Supply Chain	
Kim Bonnett, Import Compliance Specialist	
Mary Egan, East Aurora SDG Logistics Manager	
Laura Gloss, SDG Manager of Supply Chain	

1. PURPOSE

This guide is meant to give direction to suppliers on how to ship to MOOG facilities, suppliers and possibly customers. This guide should be used whenever shipment instructions are not available and explicitly stated on the MOOG PO. In the event that there is any confusion, please contact your buyer for direction prior to making any shipping arrangements.

MOOG has negotiated rates and service with carries to guarantee rates and service to meet MOOG’s specialized needs. It is the responsibility of the supplier to ensure that the instructions contained within this routing guide are strictly followed. Failure to do so may result in penalties.

2. GENERAL

- 2.1. This guide is to be used when routing shipments for MOOG from suppliers or plants to a destination specified by MOOG wherein MOOG is responsible for the freight charges.
- 2.2. If there are specific shipping instructions specified in the terms and conditions of the purchase order, they will take precedence over this routing guide.
- 2.3. This guide covers shipments from 1lb up to truckload shipments or full container shipments. Carrier selection is based on the location of the shipment, the destination of the shipment, the shipment size, weight and other shipment requirements, i.e., flatbed loading, etc.

- 2.4. Please ensure all shipments are made using the address on the MOOG PO. It is important that the full and complete address is used, including the Plant # designation when applicable. Our Campus addresses in East Aurora/Elma have recently been updated so please ensure you have the correct address.

MOOG Primary US Logistics Contacts:

MOOG Inc.
Aircraft Group, Plant 4
160 Jamison Road
Elma, NY 14059

MOOG Inc.
Aircraft Group, Plant 17
170 Jamison Road
Elma, NY 14059

MOOG Inc.
Aircraft Group Commercial Aftermarket
Plant 24
6860 Seneca Street
Elma, NY 14059

Joe Stein, Logistics Manager – EA Operations
O (716) 805-2561
jstein@MOOG.com

MOOG Inc.
Aircraft Group
Torrance Operations
20263 S Western Avenue
Torrance, CA 90501

MOOG Inc.
Aircraft Group
Torrance Operations Jon St.
1218 West Jon Street
Torrance, CA 90502

MOOG Inc.
Aircraft Group
Torrance Operations Normandie Whse
20220 Normandie Avenue
Torrance, CA 90502

Chris Terrano, Logistics Manager – Torrance Operations
(O) 310-938-7166

cterrano@moog.com

MOOG Inc.
Aircraft Group
2268 S 3270 West
Salt Lake City, UT 84119

MOOG Aircraft Group Logistics Distribution Group Email
ag.logistics@moog.com

MOOG Inc.
Space and Defense Group
Plant 20
6860 Seneca Street
Elma, NY 14059

Mary Egan, Logistics Manager
O (716) 687-7267
megan@moog.com

2.5. The MOOG Supplier Number & PO Number must be listed in one of the carrier reference fields on the BOL or small pack label.

For Example: Supplier, ABC Manufacturing Company (Moog Vendor # 12345) is shipping against Moog PO P98765432. For this shipment, they would enter the following in the first available Carrier Reference field on the BOL, AWB, or Parcel Shipping System.

Enter the Supplier Number following by a "-" and then the PO number.

12345-P98765432

2.5.1. If for any reason you are making a shipment to a non-MOOG location (another supplier or shop), this must be approved in advance by the MOOG buyer. Also, the PO number that was issued by MOOG must be listed in the reference field.

2.6. Should you find that the specified carrier that is directed for use does not serve the area needed, or is not able to provide the required equipment, please contact the Moog Logistics Manager for the location to which you are shipping to, or send an email to ag.logistics@moog.com.

3. US DOMESTIC SHIPMENTS

3.1. Small Pack/Parcel (1lb – 150lbs) – Ground or Air for non-palletized freight

3.1.1. Whenever possible, please use UPS Express to ship small pack/parcel within the United States.

3.1.1.1. If another carrier is used without documented permission from the MOOG Buyer or Group Logistics Manager, the shipment will be subject to non-compliance penalties.

3.2. Heavyweight Air (Over 150lbs) – This is typically palletized freight

3.2.1. UPS SCS should be used for this service. This is a premium service and should only be used when specifically authorized by Moog. Using this service without authorization will result in being charged back for the cost of the freight.

3.3. Courier and Local Same Day Deliveries

3.3.1. For local Same Day deliveries to MOOG in East Aurora, NY, you may use the following carrier: These instructions should be on the PO or you should have approval from the buyer.

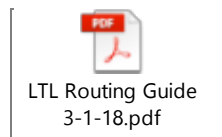
123 Delivery
(716) 633-1234
www.123deliverservices.com

3.3.2. For local Same Day deliveries to MOOG in Torrance, CA, you may use the following carrier: These instructions should be on the PO or you should have approval from the buyer.

Jet Delivery
(909) 450-0941
www.jetdelivery.com

3.4. LTL Shipments (150lb+ up to 7,000lbs) – This is palletized freight or freight in crates.

3.4.1. LTL Shipments should be routed in accordance with the MOOG LTL routing guide. This can be found on the www.MOOG.com site, under the Supplier Portal and in ADDENDUM A.



3.4.2. The Supplier will need to call the LTL carrier per the routing guide, and have the freight billed to Moog (Freight Collect.) There is no account number to use for LTL shipments so it is critical that you use the exact correct address of the Moog plant you are shipping to and list them as the Consignee on the BOL. See Section 2.4 for a list of the correct addresses. Failure to do so will result in a charge-back.

3.4.3. Please place the MOOG PO number in one of the reference fields when creating the shipment.

3.5. TL and Other Shipments

Truckload and oversized shipments, or shipments requiring special equipment, i.e., flatbed trailer, etc., will have to be specially arranged. If you would like Moog to help arrange the move, please provide your quote along with shipment specifics (equipment needed, any special handling instructions, weight, dimensions, and where it is shipping from and to) to ag.logistics@moog.com.

- 3.6. If shipping via air service (NDA, 2 Day or 3 Day), or any expedited same-day or AOG service it must be approved in advance of booking the shipment with the MOOG Buyer.
- 3.7. All shipments in which MOOG is paying for the freight and which are approved by MOOG, should be made Freight Collect using the freight account number provided by the MOOG Buyer.

4. INTERNATIONAL SHIPMENTS

- 4.1. It is critical that the forwarder is contacted prior to shipping the product. The forwarder can confirm that the proper procedures are being followed and assist with any questions including documentation questions.
- 4.2. Please note, for shipments to another MOOG plant outside of the US, check the MOOG website for any additional specific instructions. If there is no specific Routing Guide for the facility you are shipping to, use the instructions contained in this routing guide. For example, when shipping to MOOG Baguio, Philippines, please consult the respective Inbound Routing Guide for MOOG Philippines that is located on the MOOG website. It can be found on www.MOOG.com, click Suppliers in the top right hand portion of the screen, then select Philippines (Baguio) to find the routing documents.

The screenshot shows the MOOG website's 'Suppliers' page for the Philippines (Baguio). The navigation bar at the top includes links for SUPPLIERS, INVESTORS, NEWS & EVENTS, CONTACT US, and PARTNER LOGIN. The main content area is titled 'Information for Suppliers Shipping to the Philippines (Baguio)' and is last updated on 01/19/2016. A sidebar on the left lists various countries, with 'PHILIPPINES (BAGUIO)' selected. The 'General Information' section lists several links, with 'UK Supplier Shipping Guide', 'Moog Freight Routing Guide - Singapore Consolidation', and 'US Shipping Routing Instructions' circled in red. To the right, there are sections for 'Tools & Databases' and 'Change Notification'.

4.3. Air Freight (Inbound to the US and Outbound from the US)

4.3.1. Under no circumstances should an air freight shipment be made at the expense of MOOG without advanced specific shipment permission.

4.3.2. Shipments Under 150lbs (non-palletized freight)

4.3.2.1. Shipments under 150lbs should be shipped UPS Express Worldwide Express Saver. This is 3 – 5 day (business days) service. For shipments 150lbs and over, See Section 4.3.4.

4.3.2.1.1. Please note, if you ship via another carrier without explicit and documented approval from MOOG, you will be charged back for the entire cost of the freight.

4.3.2.2. Instances in which air freight is approved by MOOG, use the MOOG account number provided to you by the MOOG buyer.

4.3.3. Shipments Over 150lbs

4.3.3.1. Shipments over 150lbs should be shipped in accordance with the MOOG Heavyweight Air Routing Instructions (**ADDENDUM B**). If the particular lane is not listed in the addendum, please contact Moog Logistics (ag.logistics@moog.com) for instructions.

4.4. Ocean Freight (LCL & FCL)

4.4.1. MOOG's carrier of choice for ocean shipments is Mohawk Global Logistics (MGL.) Their contact information is below:

Mohawk Global Logistics
4455 Genesee Street, Suite 521
Buffalo, NY 14225
Office number: 716-332-0414
FAX: 716-932-7852
Group Email: bufexport@mohawkglobal.com

Direct Line: 716-901-0812

Cell: 716-800-7879

4.4.2. A copy of the Mohawk Shippers Letter of Instruction can be downloaded from this link:

http://mohawkglobal.com/wp-content/uploads/2013/11/Shippers_Letter_Ins.pdf

4.4.3. Please note, that it is the shipper's responsibility to confirm the transit time with the forwarder prior to booking the shipment to ensure it will arrive per the instructions on the Purchase Order. If it is determined that the ocean transit time will not meet MOOG's Purchase Order requirements, the supplier should contact the MOOG Buyer prior to booking the shipment for further instructions.

4.4.4. Importer Security filing ("10+2") will be performed by Mohawk Global. Seller must notify Mohawk Global when goods are shipping so that the ISF can be compliantly filed no later than 24 hours **before** the cargo is laden aboard the vessel at the foreign port.

Any and all associated penalties that result from receiving late ISF documents will be passed on to the vendor.

4.5. AOG / Next Flight Out Shipments

4.5.1. Instances in which AOG shipments are required, the buyer will have to contact a Moog Logistics Manager to pre-authorize the shipment.

4.5.2. Moog Logistics will then give instructions as to how and with whom to book the shipment.

5. SHIPPING DOCUMENTATION

5.1. US Domestic Shipments

5.1.1. All domestic US shipments must contain the following shipping documents:

5.1.1.1. Packing List

- 5.1.1.2. BOL (or Small Pack Label)
- 5.1.2. Packing List
 - 5.1.2.1. MOOG requires that all of the shipments contain a Packing List that details the following information:
 - 5.1.2.1.1. Ship From Location
 - 5.1.2.1.2. MOOG Purchase Order
 - 5.1.2.1.3. Purchase Orders item numbers; the MOOG Part Number and/or Vendor Part Number
 - 5.1.2.1.4. Quantity shipped of each line item for each item shipped
 - 5.1.2.1.5. Attach the packing list securely to the outside of the designated carton/unit/coil or Gaylord box, and place a copy inside the carton as well.
- 5.1.3. Bill of Lading
 - 5.1.3.1. All Bills of Lading MUST include the following:
 - 5.1.3.1.1. Correct applicable NMFC commodity description, including the correct NMFC item number.

When density is involved in the classification, it must be specified as different densities provide different classifications, resulting in different freight charges.
 - 5.1.3.1.2. MOOG's PO Number
 - 5.1.3.1.3. The Total number of cartons, styles and weight (itemized according to NMFC commodity description).
 - 5.1.3.1.4. Correct address and zip codes of the shipped, and consignee, (MOOG location.)
 - 5.1.3.1.5. Unless otherwise directed by MOOG via the terms of the purchases order, no value will be declared on the BOL. If a value is declared without the consent of MOOG, any applicable insurance charges charged to MOOG will be charged back to the Supplier.

5.2. International Documents

- 5.2.1. All international shipments must contain the following shipping documents:

- 5.2.1.1. Commercial Invoice
- 5.2.1.2. AWB/HAWBOL
- 5.2.1.3. Packing List

5.2.2. Commercial Invoice (CI)

- 5.2.2.1. Sample Invoice Attached:



- 5.2.2.2. The Commercial Invoice must have the following minimum information accurately completed:
 - 5.2.2.2.1. Written in English
 - 5.2.2.2.2. Port of Entry
 - 5.2.2.2.3. HTS classification Number

- 5.2.2.2.4. Other Agency compliance / classification information (ie. FDA, FCC)
 - 5.2.2.2.5. Quantity and weight / measures (per the HTSUS)
 - 5.2.2.2.6. Unit Price / Value (in currency agreed to)
 - 5.2.2.2.7. Currency Value used must be listed (i.e. USD,
 - 5.2.2.2.8. Shipper/Exporter Name and Address
 - 5.2.2.2.9. Consignee Name and Address
 - 5.2.2.2.10. Date of Export
 - 5.2.2.2.11. Invoice Number
 - 5.2.2.2.12. MOOG PO Number
 - 5.2.2.2.13. Currency Values Listed In
 - 5.2.2.2.14. Country of Origin
 - 5.2.2.2.15. HAWB / AWB #
 - 5.2.2.2.16. Final Destination
 - 5.2.2.2.17. INCOTERMS / Terms of sale /Terms of shipment
 - 5.2.2.2.18. Number of Packages
 - 5.2.2.2.19. Line Item Number/Part Number/Description
 - 5.2.2.2.20. Packing List
 - 5.2.2.2.21. Related party attestation (Parties to the transaction are or are not related)
 - 5.2.2.2.22. Imports may also be subject to other agency licensing requirements (ITAR, BIS, and ATF for import / export. You will need to confirm if your transaction is governed by Other Government Agency transactions. Contact your MOOG purchasing agent for guidance as to what notations will need to be made on the commercial invoice.
 - 5.2.2.2.23. Special class of material information (i.e. ADD/CVD – ball bearings)
 - 5.2.2.2.24. 'Assists' – Value of assists, when used, must be declared at the time of import.
 - 5.2.2.2.25. Discounts (if used)
- 5.2.2.3. Commercial Invoice Data Elements Requirements – Returned Goods
- 5.2.2.3.1. The commercial invoice information (Section 5.2.2) is the same whether or not the merchandise being imported is new merchandise or if it is related to the temporary import of U.S. or Foreign goods for repair. Hardware being returned for repair or replacement may require additional data elements that need to be included on the commercial invoice to meet US Import regulations.
 - 5.2.2.3.1.1. Contact MOOG's Import department for approval to use Special HTSUS Code '9801.00.1012' for US goods temporarily returned to the US for repair or rework.
 - 5.2.2.3.1.1.1. Use of '9801' US Goods preferential treatment will require MOOG to create and certify an Affidavit of Manufacture.
- 5.2.2.4. Free Trade Agreements (FTA)
- 5.2.2.4.1. Use of FTAs must be pre-approved between MOOG and the foreign supplier. If FTAs are used, the foreign seller must provide all documents to claim FTA preference with the import documents at the time of import.
- 5.2.2.5. MOOG requires that all of the shipments contain a Packing List that details the following information:
- 5.2.2.5.1. Ship From Location
 - 5.2.2.5.2. MOOG Purchase Order
 - 5.2.2.5.3. Purchase Orders item numbers; the MOOG Part Number and/or Vendor Part Number

- 5.2.2.5.4. Quantity shipped of each line item for each item shipped
- 5.2.2.6. Attach the packing list securely to the outside of the designated carton/unit/coil or Gaylord box, and place a copy inside the carton as well.

5.2.3. HAWB/AWB/BOL

- 5.2.3.1. All Bills of Lading MUST include the following:
 - 5.2.3.1.1. Correct applicable NMFC commodity description, including the correct NMFC item number.
 - 5.2.3.1.2. When density is involved in the classification, it must be different because different densities provide different classifications, resulting in different freight charges.
You can get information on how to classify freight here: <http://www.nmfta.org/pages/nmfc>
 - 5.2.3.1.3. MOOG's PO Number
 - 5.2.3.1.4. The Total number of cartons, styles and weight (itemized according to NMFC commodity description).
 - 5.2.3.1.5. Correct address and zip codes of the shipped, and consignee, (MOOG location.)
 - 5.2.3.1.6. Unless otherwise directed by MOOG via the terms of the purchases order, no value will be declared on the BOL. If a value is declared without the consent of MOOG, any applicable insurance charges charged to MOOG will be deducted from the supplier's invoice.

6. HIGH VALUE SHIPMENTS

- 6.1. Shipments in which the total value is worth \$50,000 USD or above are considered "High Value Shipments." Due to the value of these shipments the following must be in place.
 - 6.1.1. For parcel shipments in which UPS will be used, the shipper must have a HVW (High Value Waiver) in place. If the origin does not have this waiver in place with UPS, the shipment will be returned by UPS. To avoid this, one of the following needs to be done by the Supplier.
 - 6.1.1.1. A HVW must be in place for the Supplier's origin/shipping account or
 - 6.1.1.2. The shipment should be made using a freight forwarder (UPS SCS, DGF, etc.)

MOOG has HVW's in place on its accounts, but the origin/shipper account must have this waiver in place as well. A HVW means that a claim will not be filed in excess of the specified High Value Amount in the event of loss or damage. If shipping collect, MOOG will insure the shipment on its own Marine Cargo insurance so no coverage or claim would be made against the parcel carrier if shipped on a MOOG account.
 - 6.1.1.3. Any delays incurred as a result of the Shipper/Supplier not following these instructions will be the responsibility of the Supplier.

7. PACKAGING

- 7.1. Shipment Packaging
 - 7.1.1. It is the responsibility of the supplier to ensure the goods are adequately packed to ensure the goods arrive at MOOG free of damage. If goods arrive to MOOG and are damaged, and the damage is

determined to be a result of improper packaging, the goods will be returned to the supplier, freight collect.

7.1.2. MOOG may be able to provide direction or support in package design. Contact ag.logistics@moog.com for information.

7.2. Wood Packaging (Pallets, Crates, etc.)

7.2.1. All raw wood packaging materials should be treated and marked in accordance with ISPM 15.

7.2.2. Under ISPM 15, all WPM (such as pallets, crates, boxes, and dunnage used to transport cargo) must be either:

7.2.3. Heat treated to a minimum wood core temperature of 56°C for a minimum of 30 minutes; or, Fumigated with methyl bromide and corresponding fumigation certificate is presented.

8. OTHER

8.1. It is the Supplier's responsibility to contact the MOOG designated carrier for pick up for shipments unless MOOG has clearly given different instructions. If you are unsure as to the carriers pick up schedule or are making a scheduled appointment, it is the suppliers responsibility to contact the carrier to schedule or confirm the pick-up time.

8.1.1. If in the event the carrier is not responding, or misses a scheduled pickup, please contact your buyer and copy ag.logistics@moog.com with the following information:

- Carrier Name
- Date/Time Contacted
- Date/Time of Scheduled Pick Up
- Person with whom you spoke with
- Weight of the shipment
- Dimension of the Shipment

8.1.2. If a scheduled pick up is missed, you must contact MOOG immediately so that MOOG can look into getting the freight picked up or making other arrangements.

9. NON-CONFORMANCE

9.1. Delays that result as a result of this guide not being followed will be the responsibility of the Supplier.

9.2. Penalties for non-compliance with these routing instructions will subject the shipper to charges listed in the chart listed in **ADDENDUM C**.

ADDENDUM A - LTL ROUTING GUIDE

State	MOOG DC1		MOOG DC2		MOOG DC3		MOOG DC4		MOOG DC5		MOOG DC6		MOOG DC7		MOOG DC8		MOOG DC9		MOOG DC10		MOOG DC11		MOOG DC12	
	Primary Center	Secondary Center	Primary Center	Secondary Center	Primary Center	Secondary Center	Primary Center	Secondary Center	Primary Center	Secondary Center	Primary Center	Secondary Center	Primary Center	Secondary Center	Primary Center	Secondary Center	Primary Center	Secondary Center	Primary Center	Secondary Center	Primary Center	Secondary Center	Primary Center	Secondary Center
Alabama	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Alaska	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Arizona	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Arkansas	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
California	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Colorado	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Connecticut	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Delaware	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
District of Columbia	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Florida	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Georgia	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Hawaii	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Idaho	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Illinois	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Indiana	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Iowa	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Kansas	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Kentucky	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Louisiana	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Maine	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Maryland	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Massachusetts	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Michigan	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Minnesota	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Mississippi	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Missouri	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Montana	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Nebraska	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Nevada	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
New Hampshire	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
New Jersey	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
New Mexico	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
New York	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
North Carolina	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
North Dakota	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Ohio	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Oklahoma	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Oregon	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Pennsylvania	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Rhode Island	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
South Carolina	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
South Dakota	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Tennessee	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Texas	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Utah	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Vermont	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Virginia	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Washington	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
West Virginia	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Wisconsin	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC
Wyoming	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC	YTC

ADDENDUM B – HEAVYWEIGHT ROUTING INSTRUCTIONS

ORIGIN COUNTRY	DESTINATION COUNTRY	CARRIER
BELGIUM	UNITED STATES	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
CHINA	PHILIPPINES	DHL GLOBAL FORWARDING (DGF)
CHINA	PHILIPPINES	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
CHINA	UNITED STATES	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
COSTA RICA	UNITED STATES	DHL GLOBAL FORWARDING (DGF)
DOMINICAN REPUBLIC	UNITED STATES	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
FRANCE	PHILIPPINES	DHL GLOBAL FORWARDING (DGF)
FRANCE	UNITED KINGDOM	DHL GLOBAL FORWARDING (DGF)
GERMANY	PHILIPPINES	DHL GLOBAL FORWARDING (DGF)
GERMANY	UNITED STATES	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
HONDURAS	UNITED STATES	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
HONG KONG	PHILIPPINES	DHL GLOBAL FORWARDING (DGF)
HONG KONG	UNITED STATES	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
INDIA	PHILIPPINES	DHL GLOBAL FORWARDING (DGF)
INDIA	UNITED STATES	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
IRELAND	UNITED STATES	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
ITALY	UNITED STATES	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
JAPAN	PHILIPPINES	DHL GLOBAL FORWARDING (DGF)
JAPAN	UNITED STATES	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
KOREA	UNITED STATES	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
LUXEMBOURG	UNITED STATES	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
MEXICO	UNITED STATES	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
NETHERLANDS	UNITED STATES	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
PHILIPPINES	CHINA	DHL GLOBAL FORWARDING (DGF)
PHILIPPINES	FRANCE	DHL GLOBAL FORWARDING (DGF)
PHILIPPINES	GERMANY	DHL GLOBAL FORWARDING (DGF)
PHILIPPINES	SINGAPORE	DHL GLOBAL FORWARDING (DGF)
PHILIPPINES	TAIWAN	DHL GLOBAL FORWARDING (DGF)
PHILIPPINES	UNITED KINGDOM	DHL GLOBAL FORWARDING (DGF)
PHILIPPINES	UNITED STATES	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
POLAND	PHILIPPINES	DHL GLOBAL FORWARDING (DGF)
SINGAPORE	PHILIPPINES	DHL GLOBAL FORWARDING (DGF)
SINGAPORE	UNITED STATES	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
TAIWAN	PHILIPPINES	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
TAIWAN	UNITED STATES	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
UNITED ARAB EMIRATES	PHILIPPINES	DHL GLOBAL FORWARDING (DGF)
UNITED KINGDOM	FRANCE	DHL GLOBAL FORWARDING (DGF)
UNITED KINGDOM	GERMANY	DHL GLOBAL FORWARDING (DGF)
UNITED KINGDOM	ITALY	DHL GLOBAL FORWARDING (DGF)
UNITED KINGDOM	JAPAN	DHL GLOBAL FORWARDING (DGF)
UNITED KINGDOM	PHILIPPINES	DHL GLOBAL FORWARDING (DGF)

UNITED KINGDOM	PHILIPPINES	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
UNITED KINGDOM	UNITED STATES	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
UNITED STATES	CHINA	DHL GLOBAL FORWARDING (DGF)
UNITED STATES	COSTA RICA	DHL GLOBAL FORWARDING (DGF)
UNITED STATES	COSTA RICA	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
UNITED STATES	DOMINICAN REPUBLIC	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
UNITED STATES	FRANCE	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
UNITED STATES	GERMANY	DHL GLOBAL FORWARDING (DGF)
UNITED STATES	GERMANY	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
UNITED STATES	HONDURAS	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
UNITED STATES	INDIA	DHL GLOBAL FORWARDING (DGF)
UNITED STATES	ITALY	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
UNITED STATES	JAPAN	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
UNITED STATES	MEXICO	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
UNITED STATES	NETHERLANDS	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
UNITED STATES	PHILIPPINES	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)
UNITED STATES	UNITED KINGDOM	UPS SUPPLY CHAIN SOLUTIONS (UPS SCS)

ADDENDUM C – NON-CONFORMANCE PENALTIES

DESCRIPTION OF NON-CONFORMANCE	CODE	PENALTY (\$USD)	Referenced in Routing Guide	
Failure to put PO Number in Carrier Reference Field	POREF	\$75	3.8	
Failure to Comply With Routing Guide Carrier Selection	CAR	\$200 + Plus cost of additional freight above what would have been charges to Moog had the correct carrier been used	Throughout	
Incorrect Documents (Packing List	INC_DOCS	\$150 + Any charges / Fines (included ISF Fines) levied against Moog	5	
Late Document Submission	LATE_DOCS	\$100 + Any charges / fines levied against Moog (ISF Late fees are \$5,000)	4.4.6	
Use of Incorrect Moog Address	INC_ADDR	\$150	2.4	
Declared Value Insurance	DEC_VALUE	\$100 + Cost of charges of DC insurance	5.1.3.1.5	

GLOSSARY

AG – MOOG Aircraft Group

BOL – Bill of Lading

CI – Commercial Invoice

HVW – High Value Waiver

NMFC – National Motor Freight Classification

SDG – MOOG Space and Defense Group

SLI – Shippers Letter of Instruction