

CARRIER ROUTING INSTRUCTIONS

Northrop Grumman Systems Corporation – Aerospace Sector (NGAS)

These instructions apply only to US domestic shipments where title passes to Northrop Grumman Systems Corporation at Supplier plant or dock, collect shipments that are consigned to NGAS, or third party shipments billed to Northrop Grumman Systems Corporation.

These instructions take precedence over any instructions that Supplier may have received in the past, and will remain in effect unless supplier is authorized to deviate from them in writing by NGAS or by other written revision to these instructions. Only the NGAS On-line Automated Supplier Information System (OASIS) <http://northropgrumman.com/suppliers> has the current version of these instructions. NGAS reserves the right to debit Supplier's account for excessive charges relating to Supplier failure to comply with these instructions.

ROUTING INSTRUCTIONS

Northrop Grumman and Ryder Integrated Logistics have entered into a partnership (Third Party Logistics, or 3PL) to manage Northrop Grumman's supply chain. Ryder is the focal point for routing all of Northrop Grumman's shipments. Authorized Northrop Grumman suppliers are directed to use the Northrop Grumman/Ryder DTMS application to obtain Routing Instructions and process their shipments at web address <https://rscs.ryder.com/#!/login> New or first-time users can obtain a User ID for DTMS at <https://rscs.ryder.com/#!/login> by clicking on the "Sign Up" tab. All DTMS questions can be answered by the Ryder Transportation Management Center (TMC) at 877-828-8646. Email: northrop_grumman@ryder.com

Ryder TMC: 877-828-8646 (7AM – 8PM Eastern, Monday-Friday)

AIR AND PREMIUM TRANSPORTATION

All air or premium transportation requires a Premium Shipment Authorization (PSA) number issued by your buyer in SAP. A PSA is required before making an air or premium transportation shipment. Premium transportation includes integrated air carriers, scheduled airlines, airfreight forwarders, or the exclusive use of vehicle. Premium shipments processed without a PSA may result in the Suppliers being debited for the difference between the standard vs premium cost.

GENERAL SHIPPING INSTRUCTIONS

1. Prepare all Products for shipment to prevent damage or deterioration with package in accordance with best commercial practices.
2. Access DTMS via <https://rscs.ryder.com/#!/login> for carrier assignment and/or routing instructions. DTMS will generate all the shipping documents including the Bill of Lading. The DTMS generated Bill of Lading that MUST be used and cannot be replaced with Shipper-generated Bill of Lading.
3. Mark the Shipment/Load number and the PSA number (if needed) on the Bill of Lading.
4. Number and mark each container with a consecutively assigned container number and with the Order number.
5. The NGAS Purchase Order number must be noted on the SHIPPING LABEL or visible on the outside of container/box. Missing PO number will delay posting receipt confirmation and payment of invoice. PO number/line item number must be included on the Bill of Lading and Packing List.
6. Place one copy of the Packing List inside the first container and attach one copy of the Packing List to the outside of container.
7. For LTL shipments, mark the National Motor Freight Classification (NMFC) description for all material and include the NMFC item number and class number on the Uniform Straight Bill of Lading.
8. Consolidate all shipments to the same destination via surface or air on one SA number and one Bill of Lading.
9. DO NOT INSURE. Do not declare value in excess of carrier's liability.
10. If value of shipment exceeds \$5,000,000, contact NGAS buyer for permission to ship.
11. If deliveries are delinquent to schedule, NGAS may require shipment of late units per premium transportation at Supplier's expense for the premium portion.
12. Do not ship earlier than contractual ship date.
13. Quantities in excess of Purchase Order quantity may be returned to Supplier at Supplier's expense.
14. DTMS is our preferred method of shipping as per WI 400-PD-11 Inbound Shipping and Freight.
15. Do not send product COD. COD shipments will not be accepted.

BILL OF LADING CONSIGNMENT AND FREIGHT BILLING INSTRUCTIONS

Instruct carrier (on the Bill of Lading) to bill to third party: Northrop Grumman Systems Corp (receiving or paying site name)

c/o Ryder CMS

39550 Thirteen Mile Road, Suite 101

Novi, MI 48377