

This routing guide is effective March 1, 2006

**I. DOMESTIC SHIPMENT ROUTING INSTRUCTIONS FOR PRATT & WHITNEY
ROCKETDYNE INC. PARTS, MATERIAL, TOOLING AND DATA ONLY**

A. Background

1. These instructions apply to all inbound and 3rd Party shipments for all parts, data, material, and tooling purchased and/or owned by Pratt & Whitney Rocketdyne, Inc. (PWR).
2. These instructions supersede and take precedence over all previous routing instructions issued.
3. **Any questions concerning these instructions should be directed to Pratt & Whitney Rocketdyne, Inc. Traffic Management at the telephone numbers listed in the headings for shipping to the receiving PWR locations in this instruction.**

B. PWR preferred shipping process.

1. The shipping authority (i.e. seller, vendor, subcontractor, designated shipper) shall:
 - a. assure appropriate levels of preservation and packaging have been met.
 - b. contract with carriers listed in this instruction using FOB Origin (see Para. I.C.1).
 - c. include the PWR purchase order number, or cost accounting provided by PWR on all shipping documents (airbill, bill of lading, waybill, and packing lists)
 - d. not insure or declare value on any shipment.
 - e. base all routings on total aggregate (gross) weight, not “per package” weight.
 - f. Provide PWR purchase order line item numbers on all packing sheets.
 - g. call Traffic Management for any shipment over 5000 lbs. and/or over 28 ft. long.
 - h. Consolidate items to be shipped the same day to the same destination.
2. Prepay & Add shipments/charges (including handling charges) are not authorized and shipping authority will not be reimbursed.
3. C. O. D. Shipments will not be accepted.
4. The carrier used shall be determined by the requirements specified in this instruction. Any question concerning shipping not answered herein can be answered by PWR Traffic Management for the receiving location listed in this instruction.
5. “Third Party Billing”- Shipments that are made from one shipping authority for PWR to another shall be billed with PWR as “Third Party billing”. The originating shipping authority must include the PWR purchase order number or

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PWR provided cost account number in a shipping document “reference field” or in the body of the description block of the shipping document, bill of lading, airbill, or waybill.

C. Definitions for Free On Board (FOB) terminology:

Term used to designate physical location of materials where the transfer of ownership (Title of Goods) takes place.

1. FOB origin is a contracted preferred term utilized in negotiated corporate agreements with PWR contracted carriers. Use of this term assures PWR control and reduction of transportation costs.
 - a. PWR is responsible for freight costs if all requirements listed in this instruction are met.
 - b. PWR designates and contracts with its preferred carriers as specified in this instruction.
 - c. PWR is responsible for loss and/or damage of the freight while in transit.
2. FOB Destination is a term defining transfer of ownership at PWR designated receiving locations.
 - a. Seller is responsible for freight costs and must ship “Prepaid”.
 - b. Seller is responsible for loss and/or damage to goods while in transit for FOB Destination specified shipments.
 - c. Seller designates and contracts with their preferred carriers.

D. Shipping authority’s failure to comply with these instructions may result in liability for excess freight charges and responsibility for loss and/or damage, and a \$100.00 administrative expense.

II. SHIPMENT ROUTING INSTRUCTIONS

A. Determine process required for shipping.

1. Size and weight of the items
2. Delivery Time Constraints (When is this to be delivered?)
3. Shipper’s location
4. Other shipping parameters.
 - a. What is the fragility?
 - b. Is this considered Dangerous Goods (Hazardous Material)?

B. Local Routing: Material that is located in Los Angeles, Orange, Riverside, and Ventura Counties, California should call Traffic Management at (818)586-6768 for a pickup by a PWR company truck unless “will call” service is not provided.

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C. National and Regional Surface Routings:

Less than Truckload (LTL) ground shipments are typically more economical and the preferred method of shipping. (3 to 5 day transit time)

1. 1 – 150 pound shipments

All areas and states – carrier account number required.

- UPS Ground (800)742-5877 (collect to PWR) **Preferred**
- FedEx Ground (800)463-3339 (collect to PWR)

2. 151 – 5000 pound LTL shipments (for packages over 28 ft long must call Traffic Management at the receiving location)

a. Shipments within and between these 11 western states (AZ, CA, CO, ID, MT, NV, NM, OR, UT, WA, WY):

- Fedex Freight West (800)845-4647 (collect to PWR)

b. Shipments within and between all other Midwest and Eastern States:

- Yellow Transportation (800)610-6500 (collect to PWR)

3. 5001 pound or heavier shipments, oversize material, and other Full Truckload requirements, call PWR Traffic Management at the receiving facility.

D. National and Regional Routing by Air:

1. Overnight shipments by air should be avoided unless directed by the PO. It is most cost effective when a 2nd day or 3 day service is contracted.
2. Dimensional weight must be determined to select the appropriate air carrier. This is calculated by multiplying the length, width, and height of the package together, and dividing that product by 194. Compare that dimensional weight with the actual weight of the package. PWR will be charged an amount based on the greater of the two weights.
3. Call PWR Traffic Management for all shipments where the package length exceeds 120 inches, and the width or height exceeds 60 inches.
 - a. **1 – 20 pounds shipped by air: (Overnight, 2nd and 3rd day)**
 - FedEx Express (800)463-3339 **Preferred**
 - DHL (800)225-5345
 - b. **21 – 150 pounds shipped by air: (Overnight, 2nd and 3rd day)**
 - UPS Supply Chain Solutions (800)582-9777 (collect to PWR) **Preferred**
 - Bax Global (800)22-5229 (collect to PWR)
4. **Air Routings for items over 150 lbs.** should be prepared only when directed by Traffic Management at the receiving PWR facility.

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III. PWR APPROVED CARRIER LISTING WITH ACCOUNT NUMBERS

A. TRAFFIC MANAGEMENT CONTACTS FOR SOUTHERN CALIFORNIA RECEIVING LOCATIONS

1. Allyn Rice, (818)586-6768
2. Max Tom, (818)586-6294
3. Mailing address:
Pratt & Whitney Rocketdyne, Inc., P.O. Box 7922, M/S QA-35, Canoga Park, CA. 91309
4. Shipping address:
Pratt & Whitney Rocketdyne, Inc., 9001 Lurline Ave, Bldg. 106 Receiving, Chatsworth, CA. 91311
5. Freight billing address:
Pratt & Whitney Rocketdyne, Inc., P.O. Box 7922, Allyn Rice. M/S QA-35, Canoga Park, CA. 91309

B. TRAFFIC MANAGEMENT CONTACTS FOR STENNIS SPACE CENTER, MISSISSIPPI, RECEIVING LOCATIONS

1. Pete Lamb, (228)688-1158
2. Liz Palm, (228)688-3299
3. Mailing and Shipping address:
Pratt & Whitney Rocketdyne Inc., John C. Stennis Space Center, Bldg 3202, Stennis Space Center, MS. 39529
4. Freight billing address:
Pratt & Whitney Rocketdyne Inc., P.O. Box 7922, Allyn Rice. M/S QA-35, Canoga Park, CA. 91309

C. TRAFFIC MANAGEMENT CONTACTS FOR KENNEDY SPACE CENTER, FLORIDA, RECEIVING LOCATIONS

1. Steve Keller, (321)861-7106
2. Mailing and Shipping address: United Space Alliance, Bldg K6-1547 Shuttle Warehouse, Kennedy Space Center, FL. 32899
3. Freight billing address:
Pratt & Whitney Rocketdyne, Inc., P.O. Box 7922, Allyn Rice. M/S QA-35, Canoga Park, CA. 91309

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D. TRAFFIC MANAGEMENT CONTACTS FOR HUNTSVILLE ALABAMA, RECEIVING LOCATIONS

1. Donna White, (256)971-4552
2. Mailing and Shipping address:
Pratt & Whitney Rocketdyne, Inc., 555 Discover Dr., Huntsville, AL. 35806
3. Freight Billing Address:
Pratt & Whitney Rocketdyne, Inc., P.O. Box 7922, Allyn Rice. M/S QA-35, Canoga Park, CA. 91309

IV. CARRIER ACCOUNT NUMBERS

RECEIVING LOCATION	9001 Lurline Ave. Chatsworth, CA 91311	Stennis Space Center, MS. 39529		555 Discover Dr. Huntsville, AL 35806	Kennedy Space Center. FL. 32899	
		Bldg 3202	Bldg 9101		Shuttle Whse K6-1547	O & C Bldg Rm 1082
Federal Express Air and Ground	120645501	140744360	220831043	035802827		133329412
UPS	1W7E56	1W7E75	1W7E77	1W7E79	1W7E85	1W7E83
DHL	792121453	792821483	792821496	792421522	792921572	792321545
BAX Global	556874242	556874253	556874264	556874275	644480480	556874286
Eagle Global	PRAT90913	PRATNA395	PRATEN395	PRAT55358	SHUTKE328	PRATOC328

If further assistance is required, contact the Pratt & Whitney Rocketdyne, Inc. Traffic Offices in Chatsworth, CA. (818) 586-6768 or (818) 586-6294.