

## Celestica Newmarket Routing Guide

Site Name and Address	Site Logistics Contacts	Title	Phone	Email
Celestica International LP	Tahir Shakeel	Import/Export Analyst	1-647-987-5708	tshakeel@celestica.com
213 Harry Walker Parkway South	Pierre Khalife	Import/Export Associate	1-437-333-7798	pkhalife@celestica.com
Newmarket, ON, L3Y 8T3, Canada	Darrin Hynes	Supply Chain Manager	1-905-954-9069	dhynes@celestica.com

Multiple small packages shipped on the same day to Celestica must be consolidated into one shipment. The supplier is required to combine multiple part numbers and purchase orders in one shipping container/on one pallet/ one AWB/HAWB

Shipments of comparable size, height, and density that are difficult to handle, and for which the combined gross weight exceeds 150 pounds (68 kg) or are oversized should be palletized.

Consolidate items shipped on one day to the same destination on one pallet, one bill of lading, one air waybill or ocean bill of lading. The Carrier to be used for same day consolidated shipment will be based on the weight breaks listed below

A) The Newmarket Freight routing instructions are listed below. This applies to all shipments paid by Celestica Newmarket.

B) All expedites must have Prior Celestica approval (Buyer/Planner/Site Logistics Team/Program Manager/Director)

C) For Expeditors premium service SL1, the site buyer/planner at Celestica must give prior notice to site traffic team 1 day in advance

D) The following information is required for premium freight: Shipper Address and name, PO #, Part Number, Qty, Approx wt & dimensions, Contact Number and Name at Shippers address

E) All shipments over 10,000 Lbs or 10 pallets are to be moved using Chantler Transport -(For North America shipments only )

F) AIR shipment weights are based on chargeable weights (max of dimensional weight and actual weight) when determining mode of transportation.

G) DO NOT ship Dangerous Goods to the consolidation point in Cheektowaga NY. All shipments containing Dry Ice or Dangerous Goods must ship direct to Celestica Newmarket using FedEx Priority.

In such cases send an alert to "traffic@celestica.com, customs@celestica.com, teamcelestica@ups.com" along with a complete commercial invoice.

H) Saturday Delivery option is not available for Celestica Newmarket.

### Inbound Standard Routing

Country	Small Pack			Heavyweight Air			LTL Truck			Full Truck			Ocean LCL			Ocean FCL		
Supplier Shipping Origin Location	Chargeable Weight	Carrier	Avg.Transit Days	Chargeable Weight	Carrier	Avg.Transit Days	Weight	Carrier	Avg.Transit Days	Pallets	Carrier	Avg.Transit Days	Weight	Carrier	Avg.Transit Days	Weight	Carrier	Avg.Transit Days
USA Standard Option (Through Cheektowaga, NY (AN Derringer hub),Final Dest.Newmarket,Canada.	< 150 lbs	FedEx Ground	6-7	-	-	-	150 lbs +	FedEx Economy Frieght LTL	2-7	-	-	-	-	-	-	-	-	-
USA Expedite Option (Through Cheektowaga, NY (AN Derringer hub),Final Dest.Newmarket,Canada.	< 150 lbs	FedEx Express Saver	1-3	-	-	-	150 lbs +	FedEx Economy Frieght LTL	2-7	-	-	-	-	-	-	-	-	-
<b>USA Exception 1</b> (Direct to Newmarket, Canada) Celestica Approval Required prior to Shipping	< 150 lbs	DHL Express	1-3	>150 lbs & Palletized	Contact Buyer for approval and instructions	1-3	-	-	-	10 +	Chantler Transport	5-7	-	-	-	-	-	-
<b>USA Exception 2</b> (Direct to Newmarket,Canada.) From Bolingbrook, Vista USA.	< 150 lbs	DHL Express	1-3	>150 lbs & Palletized	DHL Global Forwarding	5-7	-	-	-	-	-	-	-	-	-	-	-	-
<b>USA Exception 3</b> Shipments on Dry Ice or Dangerous Goods to Newmarket	< 150 lbs	FedEx Intl. Priority service	1-3	>150 lbs & Palletized	Contact Buyer for approval and instructions	1-3	-	-	-	-	-	-	-	-	-	-	-	-
<b>USA Exception 4</b> (From Texas, USA to NY, USA (Cheektowaga)	-	-	-	-	-	-	150 lbs +	Vintage Logistics LTL	-	-	-	-	-	-	-	-	-	-
Mexico (Direct to Newmarket)	< 150 lbs	DHL Express	1-3	>150 lbs & Palletized	DSV SL3	5-7	-	-	-	-	-	-	-	-	-	-	-	-
<b>Mexico Exception</b> City: Zapopan Mexico	< 150 lbs	DHL Global Forwarding	5-6	>150 lbs & Palletized(Max 3 skids)	DSV SL3	5-7	4-10 skids	Chantler Transport	5-7	10 +	Chantler Transport	5-7	-	-	-	-	-	-
Puerto Rico	< 60 kg	DHL Express	1-3	60 kg - 400kg	Contact Buyer for approval and instructions	6-7	-	-	-	-	-	-	+ 400kg	Contact Site	55-60	+ 1000kg	Contact Site	45- 55
Dominican Republic	< 60 kg	DHL Express	1-3	60 kg - 400kg	Contact Buyer for approval and instructions	6-7	-	-	-	-	-	-	+ 400kg	Contact Site	55-60	+ 1000kg	Contact Site	45- 55
Europe	< 60 kg	DHL Express	3-5	60 kg - 400kg	DSV SL3	6-8	-	-	-	-	-	-	+ 400kg	DSV	60-70	+ 1000kg	DSV	45-50
<b>Europe Exception</b> - Czech Republic	< 60 kg	DHL Express	3-5	60 kg - 400kg	DSV SL3	6-8	-	-	-	-	-	-	-	-	-	-	-	-
<b>Europe Exception</b> - Germany	< 60 kg	DHL Express	3-5	60 kg - 400kg	DSV SL3	6-8	-	-	-	-	-	-	+ 400kg	Expeditors	60-70	+ 1000kg	Expeditors	45-50
<b>Europe Exception</b> - Ireland													+ 400kg	Expeditors	60-70		-	-

Country	Small Pack			Heavyweight Air			LTL Truck			Full Truck			Ocean LCL			Ocean FCL		
Supplier Shipping Origin Location	Chargeable Weight	Carrier	Avg.Tra nsit Days	Chargeable Weight	Carrier	Avg.Tra nsit Days	Weight	Carrier	Avg.Transit Days	Pallets	Carrier	Avg.Transit Days	FCL& LCL bookings from all origins are to be made with the					
													Weight	Carrier	Avg.Trans it Days	Weight	Carrier	Avg.Trans it Days
Asia	< 60 kg	DHL Express	3-5	60 kg - 400kg	Expeditors SL3	6-8							-	-			-	
Asia Exceptions - China, Hongkong,Thailand ,Taiwan	< 60 kg	DHL Express	3-5	60 kg - 400kg	Expeditors SL3	6-8	-	-	-	-	-	-	+ 400kg	DSV	65	+ 1000kg	DSV	50-60
Asia Exceptions - Singapore/ India	< 60 kg	DHL Express	3-5	60 kg - 400kg	Expeditors SL3	6-8							-	-	-	+ 1000kg	DSV	50-60
Asia Exceptions - South Korea	-	-			-								+ 400kg	Expeditors	65	+ 1000kg	Expeditors	45-50
Asia Exceptions - Malaysia,	< 60 kg	DHL Express	3-5	60 kg - 400kg	Contact Buyer for approval and instructions	6-8	-		-		-		+ 400kg	DSV	65			
South America (Direct to Newmarket)	< 60 kg	DHL Express	5-6	>60 kg	Contact Buyer for approval and instructions	6-7	-		-	-	-		-	-	-	-	-	-
Canada (British Columbia)	< 165 lbs	FedEx Ground	5-6	-	-	-	165 lbs +	DSV LTL	2-7	10 +	Chantler Transport	5-7	-	-	-	-	-	-
Canada (Alberta)	< 175 lbs	FedEx Ground	1-3	-	-	-	175 lbs +	DSV LTL	2-7	10 +	Chantler Transport	5-7	-	-	-	-	-	-
Canada (Saskatchewan)	< 150 lbs	FedEx Ground	1-3	-	-	-	150 lbs +	DSV LTL	2-7	10 +	Chantler Transport	5-7	-	-	-	-	-	-
Canada (Manitoba)	< 100 lbs	FedEx Ground	1-3	-	-	-	100 lbs +	DSV LTL	2-7	10 +	Chantler Transport	5-7	-	-	-	-	-	-
Canada (Newmarket area / GTA)	Any	Celestica Dispatch	Same Day	-	-	-	Any	Celestica Dispatch	Same Day	-	Celestica Dispatch	1-2	-	-	-	-	-	-
Canada (Ontario)	< 80 lbs	FedEx Ground	1-2	-	-	-	80 lbs +	DSV LTL	1-3	10 +	Chantler Transport	5-7	-	-	-	-	-	-
Canada (Quebec)	< 100 lbs	FedEx Ground	1-3	-	-	-	100 lbs +	DSV LTL	1-3	10 +	Chantler Transport	5-7	-	-	-	-	-	-
Canada (New Brunswick, Nova Scotia, Prince Edward Island)	< 160 lbs	FedEx Ground	1-3	-	-	-	160 lbs +	DSV LTL	4-5	10 +	Chantler Transport	7-9	-	-	-	-	-	-
Canada (Newfoundland)	< 250 lbs	FedEx Ground	1-4	-	-	-	250 lbs +	DSV LTL	6-7	10 +	Chantler Transport	9-12	-	-	-	-	-	-

Carrier Information				
Carrier	Phone	Contact Name	Web Site/ Email Address	Account Number
Pinnacle/Translogix	416-754-8825	Steve McClelland	<a href="mailto:steve@pinnacletransport.ca">steve@pinnacletransport.ca</a>	
Celestica Dispatch	416-448-6314	Automated System	<a href="mailto:traffic@celestica.com">traffic@celestica.com</a>	Call before 11:00 AM for same day pick up
Chantler Transport FTL	(888)-266-6651 ext. 2227	Customer Service	<a href="mailto:customerservice@chantlertransport.com">customerservice@chantlertransport.com</a>	Bill Collect
DSV LTL Service	Refer to Carrier Website	Customer Service	<a href="mailto:tor.road@ca.dsv.com">tor.road@ca.dsv.com</a> & <a href="mailto:Sherry.krywko@dsv.com">Sherry.krywko@dsv.com</a>	Acct # contact Buyer or see PO
FedEx Freight LTL	(800) 610-5544	Customer Service	<a href="http://www.fedex.com/us/freight/">http://www.fedex.com/us/freight/</a>	Acct # contact Buyer or see PO
DHL Express	(866) 345-2323	-	<a href="mailto:cakad11@dhl.com">cakad11@dhl.com</a>	Acct # contact Buyer or see PO
FedEx	1-888-463-3339	-	<a href="http://www.fedex.com/?location=home">http://www.fedex.com/?location=home</a> or email - <a href="mailto:yyzpc-district@fedex.com">yyzpc-district@fedex.com</a>	Acct # contact Buyer or see PO
DHL Global Forwarding (DGF)	Refer to Carrier Website	Refer to Carrier Website	<a href="https://www.dhl.com/my-en/home.html">https://www.dhl.com/my-en/home.html</a>	Ship Collect
DSV	Refer to Carrier Website	Refer to Carrier Website	<a href="https://www.dsv.com/en">https://www.dsv.com/en</a>	Acct # contact Buyer or see PO
Expeditors	Refer to Carrier Website	Refer to Carrier Website	<a href="http://www.expeditors.com">www.expeditors.com</a>	Ship Collect
Expeditors-Ocean Imports Main Contact	905-290-4312 604-244-4252	Edward Bai Anh Huynh	<a href="mailto:edward.bai@expeditors.com">edward.bai@expeditors.com</a> <a href="mailto:anh.huynh@expeditors.com">anh.huynh@expeditors.com</a>	Ship Collect
Expeditors - Air Imports Main Contact	514-787-4518 603-244-4254 905-290-6648	Jad Boustani Akshdeep Singh Cindy Dasrat	<a href="mailto:jad.boustani@expeditors.com">jad.boustani@expeditors.com</a> <a href="mailto:akshdeep.singh@expeditors.com">akshdeep.singh@expeditors.com</a> <a href="mailto:Cindy.dasrat@expeditors.com">Cindy.dasrat@expeditors.com</a>	Ship Collect
Vintage Logistics	1(888) 205-4908	Customer Service	<a href="https://www.vintage-logistics.com/celestica@vintage-logistics.com">https://www.vintage-logistics.com/celestica@vintage-logistics.com</a>	Ship Collect
UPS-SCS Broker	Tel #1-905-677-6735 Fax # 1-905-677-2689	-	<a href="mailto:teamcelestica@ups.com">teamcelestica@ups.com</a>	

USA Consolidation Point					
Name	Address	Contact Name	Tel	Fax	Email Address
Celestica International LP (Newmarket) C/O A.N.Deringer Inc.	790 Aero Drive, STE 200, Buffalo, NY 14225, USA	Kelly O'Neil	716-630-7548	716-630-7539	<a href="mailto:celesticamailbox@anderinger.com">celesticamailbox@anderinger.com</a>

PARS GUIDE Celestica International LP. Newmarket, Canada	
<b>Objective:</b> To facilitate faster clearance of goods into Canada, a complete set of export/commercial invoices and waybills/bill of lading must be E-mailed or Faxed directly to our <b>Customs Broker, UPS-SCS Customs Broker</b> and Celestica Newmarket customs team on ALL shipments. <b>Email: <a href="mailto:teamcelestica@ups.com">teamcelestica@ups.com</a>, <a href="mailto:customs@celestica.com">customs@celestica.com</a> UPS SCS FAX: 1-905-677-2689</b>	
ROUTING INSTRUCTIONS – Domestic “Intra-Canada”	
When Celestica is paying the freight: Terms: FCA 1. Do not ship COD (Cash on Delivery ) 2. Ship all products in accordance with the Purchase Order. The standard routing is shown above. 3. Use Celestica designated carriers. Failure to do so may result in freight charges being billed back to the shipper. 4. Do not declare values in insurance fields, unless authorized in writing from Celestica Logistics 5. Reference carton count, pallet count, correct delivery address, and Celestica Purchase Order number on all bills of lading. Ensure that the purchase order number is entered in the "Reference" field on the carrier's bill of lading. Complete "special instructions" field for all perishable shipments to ensure proper handling. 6. Where INCOTERM used requires supplier to arrange and pay for delivery, ensure all product is transported in covered vehicles with closed and locked doors. 7. <b>Shipments going to the same consignee address under the same service level on the same day must be consolidated into a single shipment (Waybill) and combined on a single bill of lading. Failure to do so will result in shipper/vendor held responsible for extra charges Celestica has incurred.</b> 8. For shipments that are requested by Celestica to be delivered on Saturday, the bill of lading must be marked "For Saturday delivery", otherwise next business day will apply.	
<b>Routing Compliance will be monitored. Non-compliance will result in the supplier being held liable for any additional cost incurred to Celestica.</b>	

Shipments of USA Origin	
1. If shipments are over 10,000 LBS or 10 pallets (whichever comes first), shipments MUST be shipped directly to Celestica Newmarket at 213 Harry Walker Parkway South, Newmarket, ON. L3Y 8T3, Canada. Please contact Chantler Transport (Phone # listed in the carrier information table). 2. Unless otherwise authorized by the buyer/planner, please have orders originating from the USA shipped to New York Consolidation point at 790 Aero Drive, STE 200, Buffalo, NY 14225, USA. 3. Shippers are instructed to ensure at all times to include commercial documentation/export documents when shipping to above address in Buffalo, NY. A.N Deringer is only considered a consolidation point and should treat the shipment as an International export shipment at all times. All shipments are delivered the next business day to Celestica Newmarket. <b>Final destination is Celestica Newmarket at 213 Harry Walker Parkway South, Newmarket, ON. L3Y 8T3, Canada. Please refer to Commercial Invoice Requirements, below (Page 3).</b> 4. Do not mark or identify any shipments as " Guaranteed/Gold OR any special service" on the waybill/bill of lading. Failure to do so will result in shipper/vendor held responsible for extra charges Celestica has incurred. 5. Please include commercial invoice(s) on the OUTSIDE of the box in a sealed envelope. Deringer Hub is not authorized to open the box.	

### Shipments of USA Origin: US Government Authorization to Export/Citation Requirements

#### ITAR and Non-ITAR Shipments

1. For goods subject to the International Trade in Arms Regulations (ITAR), EAR 600 or 515 series ECCN, an AES filing must be made regardless of value, and the AES-generated Internal Transaction Number (ITN), must be written on the Commercial Invoice. Date of export will be the estimated arrival at our US Consolidation point AN Deringer.

2. The following statement should also be included on the commercial invoice for shipments that are subject to ITAR:

**"These commodities are authorized by the U.S. Government for export only to Canada for use by Celestica International LP. They may not be transferred, transshipped on a non-continuous voyage, or otherwise be disposed of in any other country, either in their original form or after being incorporated into other end-items, without the prior written approval of the U.S. Department of State."**

3. Celestica believes that all of the ITAR governed parts purchased from US suppliers at this time are eligible for the Canadian Exemption under ITAR (22 CFR 126.5(b)). You should confirm this point with your own Export Compliance Officer or outside counsel. Assuming the goods are subject to the Canadian exemption under ITAR, please ensure that the additional wording below is also included on the commercial invoice "These goods are being exported under license exemption 22 CFR 126.5(b)"

4. For any shipments being exported to Canada, that are not subject to ITAR or EAR 600 and 515 series ECCN and thus do not require an EEI/AES filing, you will need to document on your commercial invoice the reason why EEI/AES is not required. For example, within the Foreign Trade Regulations (FTR) there is an exemption from filing in EEI/AES for goods destined to Canada under Title 15 CFR which are not subject to ITAR and are not licensable by any other U.S. government agency, i.e. then your goods may qualify for the Foreign Trade Regulations (FTR) Title 15 CFR § 30.36. If after reviewing this section, you determine your goods qualify for the exemption and AES filing is not required, then the following citation should be included on your commercial invoice: **"NO EEI FTR 30.36"**

### Commercial Invoice Requirement when shipping to Canada

#### 1. Commercial invoice:

a. Must be in English

b. Note the table that follows. These are minimum Invoice requirements when shipping to Canada via our Consolidation Point (USA shipments Only) or Direct to Canada (approved USA expedites or All International shipments)

c. Where possible, email a copy to [teamcelestica@ups.com](mailto:teamcelestica@ups.com), [customs@celestica.com](mailto:customs@celestica.com), [traffic@celestica.com](mailto:traffic@celestica.com)

d. Ultimate Destination is always Canada unless otherwise instructed. Celestica Newmarket orders shipped to AN Deringer are for Export into Canada.

#### 2. Value of goods stated on invoice:

a. Must correlate with the value of the Celestica purchase order. (Unit Price) x (Quantity) must equal = (Extended price)

#### 3. Special Considerations:

a. Commercial Invoices must be on the OUTSIDE of the Packaging.

b. Failure to meet these requirements will result in delayed delivery or goods being rejected by Canada customs and returned to the shipper.

c. If you are unable to meet all of the following requirements contact [customs@celestica.com](mailto:customs@celestica.com)

d. Celestica Part Number or Supplier Part Number must be included on the commercial Invoice

Invoice Item	USA originating shipments Standard Option or US Expedite Option (via Consolidation Point in Buffalo/Cheektowaga, NY to Newmarket, Canada)		Invoice Item	USA Expedite or International (Direct to Newmarket, Canada)	
	1.	2.		1.	2.
1.	Vendor name and address	Seller of goods to Celestica Newmarket	1	Vendor name and address	Seller of goods to Celestica Newmarket
2.	Exporters Name and address	If other than Vendor, i.e the actual exporter/shipper	2	Exporters Name and Address	If other than Vendor, i.e the actual exporter/shipper
3.	Intermediate Consignee address *	Celestica International LP (Newmarket) C/O A.N.Deringer Inc. 790 Aero Drive, STE 200, Buffalo, NY 14225, USA **	3.	Intermediate Consignee address *	BLANK or Same as Ultimate Consignee
4.	Ultimate Consignee address	Celestica International LP Newmarket 213 Harry Walker Parkway South Newmarket, ON, L3Y 8T3, Canada	4	Ultimate Consignee address	Celestica International LP Newmarket 213 Harry Walker Parkway South Newmarket, ON, L3Y 8T3, Canada
5.	Sold to ( Purchaser's name and address )	If other than Ultimate consignee	5	Sold to (Purchaser's name and address)	If other than Ultimate consignee
6.	Invoice number		6	Invoice number	
7.	Mode of Transport		7	Mode of Transport	
8.	Date of Shipment		8	Date of Shipment	
9.	Tracking Number / WAYBILL#		9	Tracking Number / WAYBILL #	
10.	Incoterms		10	Incoterms	
11.	Celestica PO. Number or Other Reference Numbers	If the PO/Order Number is not from Celestica, please state the ordering party name and PO/order number	11	Celestica PO. Number or Other Reference Numbers	If the PO/Order Number is not from Celestica, please state the ordering party name and PO/order number
12.	Celestica Part Number	Celestica Part number preferred. Manufacturer part number acceptable when Celestica P/N not possible	12	Celestica Part Number	Celestica Part number preferred. Manufacturer part number acceptable when Celestica P/N not possible
13.	Description (complete, clear description of goods)		13	Description (Detailed description of goods)	
14.	Quantity (for each line item)		14	Quantity (for each line item)	
15.	Unit of Measure ( EA, ROLL, FT etc)		15	Unit of Measure ( EA, ROLL, FT, IN etc)	
16.	Unit price (for each line item)		16	Unit price (for each line item)	
17.	Extended price (for each line item)		17	Extended price (for each line item)	
18.	Currency Type		18	Currency Type	
19.	Country of origin (for each line item)	Country where the goods were manufactured. Goods with multiple origin need to be listed on a unique line	19	Country of origin (for each line item)	Country where the goods were manufactured. Goods with multiple origin need to be listed on a unique line
20.	Total Invoice Price of all Lines		20	Total Invoice Price of all Lines	
21.	Harmonized Code (HS Code)		21	Harmonized Code (HS Code)	
22.	Export Control Classification Number ECCN		22	Export Control Classification Number ECCN	
23.	Weight and number boxes or skids.		22	Weight and number boxes or skids.	
24.	ITN / AES Filing # (USA Suppliers Only)	Only required for goods subject to ITAR, 600 or 515 Series ECCN excluding (.y) extension	23	ITN / AES Filing # (USA Suppliers Only)	Only required for goods subject to ITAR, 600 or 515 Series ECCN excluding (.y) extension.

\* For any Direct to Canada shipments, leave the Intermediate Consignee blank or duplicate the Ultimate Consignee Address

\*\* AN Deringer at 790 Aero Drive, STE 200, Buffalo, NY 14225, USA is a consolidation point. It is imperative that the name of the Celestica Site in Canada is stated in the Intermediate Consignee Name " Eg. "Celestica Int. New" or "Celestica Intl. Newmarket" which appears on the AWB/Shipping Label

**Routing Compliance will be monitored. Non-compliance will result in the supplier being held liable for any additional cost incurred to Celestica.**

## Weight Definitions and Calculations

### Actual Weight:

- The weight of a package using a standard scale rounded to the next full pound / KG. (Example: a 12 1/2 pound carton will have an "actual weight" of 13 pounds).

### Dimensional (Volumetric) Weight:

- A calculation used to reflect a package's density. The International Air Transport Association (IATA) volumetric standards is used to determine the dimensional weight.

- A calculation used to determine the three-dimensional space the carton occupies: length x width x height measured in cubic inches or cubic centimeters.

### Chargeable Weight:

- The chargeable weight of the shipment will be the higher of the volumetric weight or the gross weight.

### How to Calculate Volumetric Weight (International air shipments)

#### International Shipments Calculation with Freight Forwarders

Imperial (IN / LBS)

DIMENSIONAL WEIGHT =  $\frac{\text{Length} \times \text{Width} \times \text{Height} = \text{Cubic Inches}}{166 \text{ (International)}}$

Metric (CM / KG)

DIMENSIONAL WEIGHT =  $\frac{\text{Length} \times \text{Width} \times \text{Height} = \text{Cubic Centimeters}}{6000 \text{ (International)}}$

#### International Shipments Calculation with DHL Express, TNT Express and FedEx Express

Imperial (IN / LBS)

DIMENSIONAL WEIGHT =  $\frac{\text{Length} \times \text{Width} \times \text{Height} = \text{Cubic Inches}}{166 \text{ (International)}}$

DIMENSIONAL WEIGHT =  $\frac{\text{Length} \times \text{Width} \times \text{Height} = \text{Cubic Centimeters}}{6000 \text{ (International)}}$

### Identifying what your chargeable weight will be:

#### Example - Imperial Calculation

Actual Pallet Weight = 250lbs

Pallet Dimensions = 48 x 40 x 50in

Pallet Volumetric weight =  $(48 \times 40 \times 50) / 166 = 693.97\text{lbs}$

Chargeable Weight of shipment = 694lbs

#### Example - Metric Calculation

Actual Pallet Weight = 150kg

Pallet Dimensions = 122cm x 102cm x 120cm

Pallet Volumetric weight =  $(122 \times 102 \times 120) / 6000 = 248.88 \text{ kg}$

Chargeable Weight of shipment = 249kg

### How to Calculate Volumetric Weight (USA Domestic air shipments)

Imperial (IN / LBS)

DIMENSIONAL WEIGHT  $\frac{\text{Length} \times \text{Width} \times \text{Height} = \text{Cubic Inches}}{166 \text{ (USA Domestic)}}$

#### Example - Imperial Calculation

Actual Pallet Weight = 250lbs

Pallet Dimensions = 48 x 40 x 50in

Pallet Volumetric weight =  $(48 \times 40 \times 50) / 166 = 578.31\text{lbs}$

Chargeable Weight of shipment = 578.5lbs

or

#### Example - Imperial Calculation

Actual Pallet Weight = 600lbs

Pallet Dimensions = 48 x 40 x 50in

Pallet Volumetric weight =  $(48 \times 40 \times 50) / 166 = 578.31\text{lbs}$

Chargeable Weight of shipment = 600lbs

### Length or Girth - (For Domestic USA shipments with FedEx, Air and Ground)

Your Chargeable Weight will be based on the greater between the actual package weight and the Length and Girth of the package.

Length - is the largest dimension of the carton or object being shipped.

- For example, if the package is very tall (height is greater than the base) use the height as the length.

Girth - is the sum of 2 times the width plus 2 times the height or the measurement around the largest area of the cylinder (see illustration).

