

# The inside story on Delta's Lockheed Hercules air freighter





**Delta is the first trunk air line in America to place the Lockheed L-100 Hercules series of jet-prop cargo planes in scheduled air freight service.**

**What this means to Delta is a dramatically increased cargo air lift capability...an opportunity to serve more air freight customers with a finer, more flexible service than ever before.**

**To the shipper, it means virtually anything that can be shipped by trailer truck can now go by air...with next-day delivery coast-to-coast.**





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**Big** Truly, this is a giant of an airplane—over 97 feet long and 38 feet high—with all the rugged can-do of a massive trailer truck. In fact, it's the one aircraft that combines the best features of a plane *and* a truck, built specifically to carry cargo. It's big and brawny and built to take more rough treatment than it will ever know in Delta service. (The Air Force uses it for assault landings on rough cleared strips as a matter of routine!)

**Fast** Brawn isn't the whole story. There's speed! The Hercules can be loaded in 20 to 30 minutes, gets off the ground in short order, reaches cruising altitude quickly. It cruises at an easy 350 m.p.h. with the smooth power of four 4,050 equivalent shaft h.p. Allison turbo-prop engines. At that speed—with a 45,000-pound payload and 1,900-mile range—the Hercules gets tons of goods to destinations many hundreds of miles away in a few quick hours . . . from Chicago to Atlanta, for example, in 2¼ hours, or from Dallas to Los Angeles in 4½ hours.

**Dependable** The Lockheed Hercules is an outstandingly dependable airplane, requiring very little maintenance between routine checks. It has been tested, flown and proven in all climates in all parts of the world. In one period of ten consecutive days in Viet Nam, a C-130 military version of the Hercules flew 100 sorties, delivering 500 tons of cargo in the process, with no time lost due to mechanical difficulty. Operating in the opposite extreme of climate, two ski-equipped Hercules aircraft have been flown on rescue missions to McMurdo Station, Antarctica, the only times in history that evacuation flights have been carried out during the six-months "winter night" on the frozen continent.

**Flexible** Despite its size, the Delta Hercules can operate in and out of most city airports, taking off and landing on runways of little more than 5,000-ft. length. Delta therefore will be able to serve markets never before open to such tremendous air freight capacity.

Fast in the air, the Hercules is engineered to be quick on the ground. Independent starting equipment means this air freighter is always ready to go . . . no need to wait for a ground starting unit. Loading and unloading are simple and speedy, too. The Hercules can even back up under its own power—right up to a loading area, for example, for quick transfer of freight.



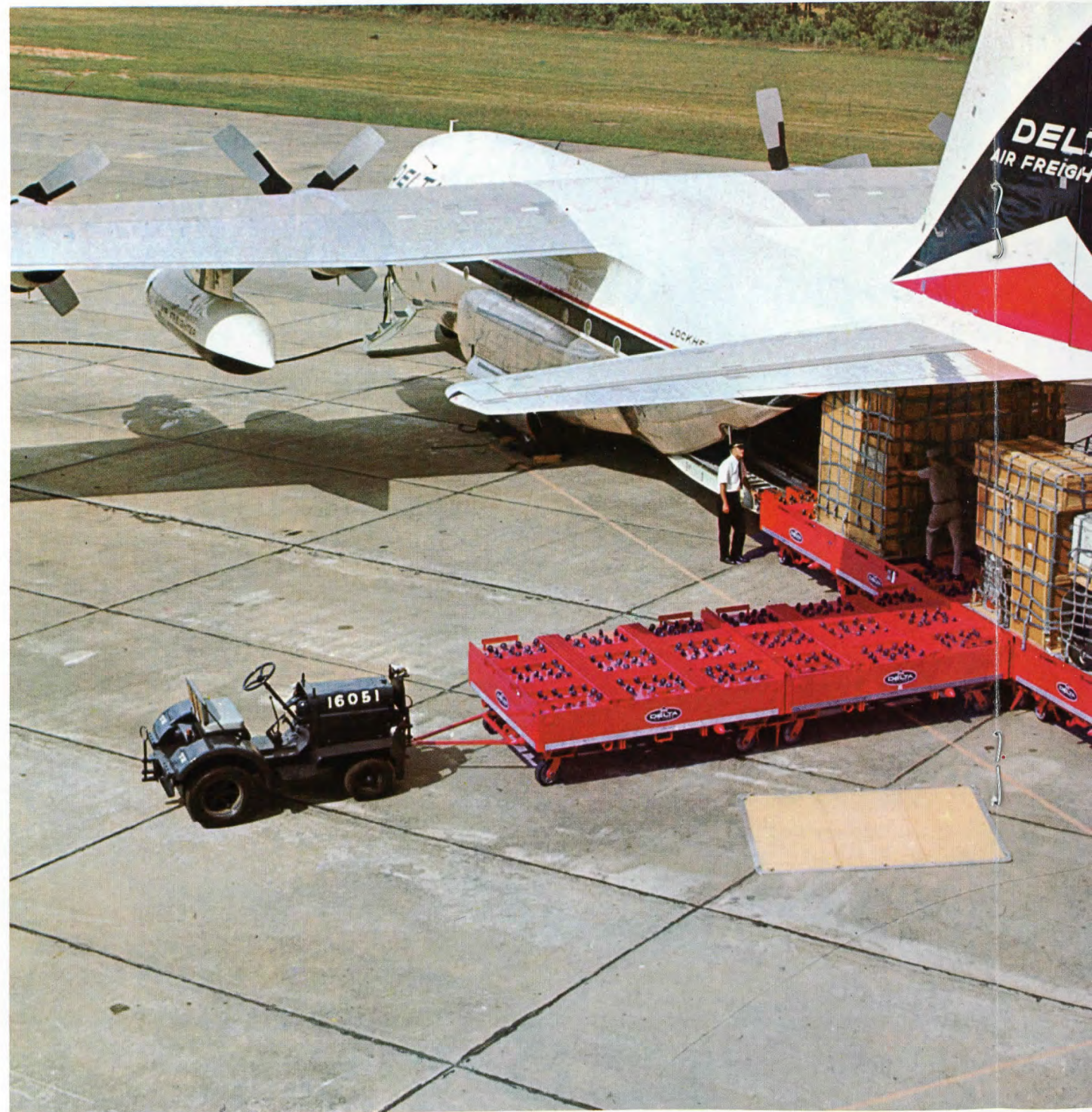
Here's why it's  
the best thing  
flying...  
for flying  
your freight



**A loading system with built-in hurry up!** The key to extremely fast loading and unloading is Delta's use of unique mobile truck-bed height "transporters," custom made for Delta and located at each Hercules terminal.

Transporter trains, powered by tugs, whisk cargo directly from the Delta freight facility to the aircraft. Palletized freight is then loaded almost effortlessly along roller bed surface of the transporters into the Hercules cargo compartment.

For complex loadings and unloadings, transporters can be flush locked together in the form of a T, L or cross. They can be joined end-to-end or side-to-side.







Palletized shipments roll easily through the 9' x 10' rear door into the Hercules 3,409 cu. ft. cargo compartment, then glide forward along floor-mounted roller tracks.



T-shaped locking bars swing up into place from the floor of the Hercules to secure pallets firmly in place. Manually inserted pins hold locking bars tight against pallets.



**Land, sea and air interchangeability.** With the Hercules, Delta becomes the first U.S. air line capable of offering true intermodal freight service. Pre-packaged freight, in an 8' x 8' x 40' rail/highway/marine container can be driven directly to the Hercules for easy loading, along floor-mounted roller tracks, into the cavernous cargo compartment. Trucks and heavy equipment can be moved directly up the ramp. Or the Hercules will accommodate six standard 88" x 118" pallets, loaded with 45,000 pounds of cargo.



Delta's Hercules supplies the missing link for freight movements involving rail, ship, highway and air transport. In the picture above, three freight containers—two of 8' x 8' x 10' size and one 8' x 8' x 20'—are transferred directly from trailer truck to Hercules.



Outsize loads are no problem. The sailboat is 24' long, has a 7'10" beam, is 7' high. The motorboat nested under the bigger craft is 18' long, 7'5" wide.



Cars and other motorized equipment can roll on or off with ease.

**It's the huskiest hauler in the sky.** The Hercules will accommodate larger single cargo units than any other commercial aircraft now operating in the United States. It has an extremely high floor-loading capacity, too, and can take concentrations as high as 7,000 pounds per square foot at some points. In most cases this eliminates the need for arranging cargo on skids to distribute weight, leaves more floor space free for more freight. Cargo tie-down fittings of 5,000, 10,000 and 25,000-pound capacity are positioned throughout the cargo compartment for rigid mooring of all kinds of freight. Your shipments get solid protection . . . and kid glove care!



**No square pegs in round holes.** Most airplanes have cylindrical fuselages that do not conform to the rectangular shape of most freight. But the Hercules cargo compartment is freight-shaped and at truck-bed height . . . and over-the-road tractor-trailer size—8½ ft. high, 10 ft. wide, over 40 ft. long!





All Delta flights carry air freight.



Hercules loading ramp can be adjusted from ground level to truck bed height, forming a bridge for quick and easy transfer of all types of cargo.

# Cut your total distribution costs... specify Delta air freight

## Check these Delta advantages:

- Nationwide next-day delivery
- Door-to-door, "one rate" service includes both pick up and delivery
- Ship direct to outlets—be first on dealers' shelves
- Less capital tie-up, quicker capital turnover
- Reduce warehousing, inventory and storage cost
- Deal with one carrier, less paper work, less worry
- Restock with next-day dependability
- Less deterioration, less loss from obsolescence
- Less chance of pilferage or damage in transit
- Use lighter packaging, cut total shipping weight
- Air-truck service to destinations miles away from airport cities
- Direct connections to most international markets

Before your next surface shipment, call your Delta Air Freight Specialist for a cost comparison. Check the yellow pages for the telephone number of your nearest Delta Air Freight office.

DELTA AIR LINES  
 General Offices:  
 Atlanta Airport, Atlanta, Ga.

## Check Delta's low Air Freight Rates

General Commodity 100 lb. rate examples:

Chicago to Miami.....	\$14.90	Dallas to Orlando.....	\$12.60
Dallas to Atlanta.....	9.70	Atlanta to New York..	9.70
Los Angeles to		San Francisco to	
New York.....	23.75	Dallas.....	14.45
Atlanta to Detroit.....	8.00	New York to Charlotte..	7.40
Miami to Los Angeles..	19.50	Los Angeles to Atlanta..	18.90

Also special rates to cover most any type of Air Freight shipment

## Delta's Hercules—the best thing that ever happened to air freight

