



Aerial Tow Target

For Aerial Gunnery Training





COC Aerospace TDU-10/B Aerial Tow Targets

COC produces the TDU-10B
Aerial Tow Targets here at our
facilities at Camarillo Airport,
Ventura County, California.

PART NUMBERS LISTED INCLUDE,



- NSN:6920-00-613-0312
- P/N 59H90730
- P/N 59H907730
- MIL-T-9918 (C)
- TDU/10B







Wing Panel Components





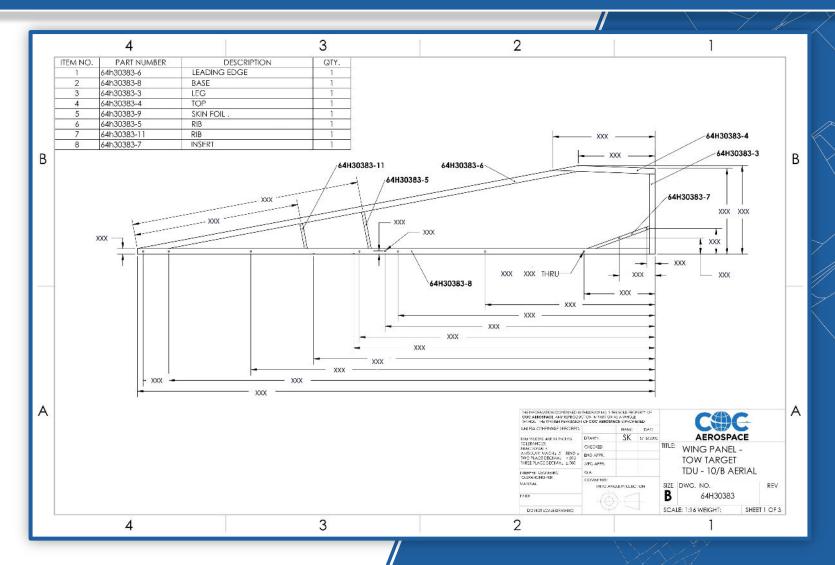
frames from carpentry contractor assembled.







COC Engineering Data – TDU-10/B AERIAL TOW TARGET





Wing Panel Assembly



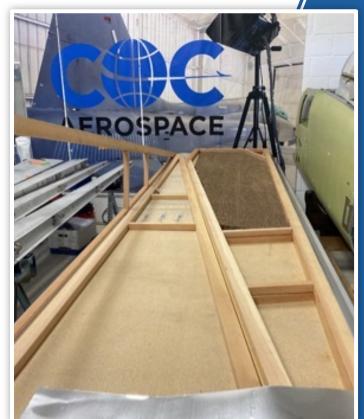
2 wood frames are placed onto assembly table, nose to tail.

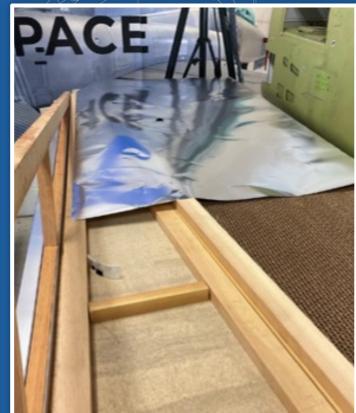


Frames are stuffed with paper honeycomb.



Aluminum skin is rolled out, one sheet on bottom of frames, one on top.







Wing Panel Assembly



Brisk Heat blankets will be placed on bottom of assy table.



The Vac Bag sheet will come next; a sheet we fold over.



Put down sheet of aluminum foil (on roll). Apply epoxy adhesive.



Place 2 wing frames, stuffed with honeycomb onto foil.



Apply adhesive, then roll on top sheet of foil.



Place Brisk Heat blankets on top, pull VacBag over top, clip to seal.



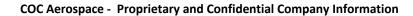
Start Vac Pump, start Brisk Heat cycle with controllers. 'bake until done'.











Climbing Drum Test

Climbing Drum test to check adhesion on one sample panel per 100 made (we make small 'test' panels)



Commerce Overseas Corporation

Subject: TDU-10B Aerial Tow Target Climbing Drum Test Photos

Test Type: Alum foil -Core Climbing Drum Test

Test Description: Peel test to determine inch-lbs per 3" adhesion of foil to honeycomb

core.

Requirement: 5.0 in-lbs/ 3"
Test results: 9.0 in-lbs/ 3"



Climbing Drum Test 1



Climbing Drum Test 2



Climbing Drum Test 3



Climbing Drum Test 4



Completed Wing Panels



Pack 4 per target, 8 per crate with hardware, keels, etc.







Final Steps

Wing panels stacked after assembly, routing of edges, application of wood finish on edges.



Packaging compliant with international shipping regulations and requirements.

We can delivery the targets individually packaged at customer's request.







Assembled Target



Balance Adjustment Keeps target flying straight.







Targets are shipped via flat-bed truck to shipper and freight forwarders



Tow Targets are packaged two (2) targets per crate.



Crates are the following dimensions:

Length: 16 Ft. (192")

• Width: 4 Ft. (48")

Height: 1 Ft. (12")

Total Weight: 650 lbs.





Contact COC Aerospace for your Aerial Tow Target requirements sales@coc-aerospace.com / www.coc-aerospace.com /













The COC F-5 Team - www.coc-aerospace.com



EXPERIENCE - NEARLY 5 DECADES YEARS SUPPORTING LEGACY AIRCRAFT

CUSTOMER SERVICE - OVER 50 YEARSSUPPORTING THE SAME CUSTOMERS

TRUST - ABOVE ALL, WE ALWAYS DO THE RIGHT THING



