

AIRSCREW:

Name: Curtiss Electric.
Description: 3 bladed, V.P., electric.
Type: C532 D - Y84, Serial No. 56699.
Diameter: 11' - 0".
Blade Serial Nos: 159346, 161735 and 162192.
Blade Drawing No: 89303 - 24W.
Pitch Range: Low 24.5° to high 54.5°.
Chord C at 0.7R: 10.31".
Chord C at 42": 10.39".
Thickness 0.7R: 0.88".
Thickness at 42": 1.00".
(t/c) 0.7R: 0.085.
(t/c) 42": 0.095.
Rotation: Clockwise from pilot's seat. R.H.
Weight: 350 lb. (approx.)

Note:

The airscrew blades are cut down from a much larger diameter airscrew. The blade shape is fairly blunt at the tips and has a maximum chord at approximately 38" station. The blade sections are approximately Clark Y, and those near the tip are fairly thick (0.5" at 4" from the top), although the thickness ratios due to the large chord are normal (0.07.)