

Dauby / Acme Aircraft X/D-16

Intended by its sponsor, Charles Daubenberger, as a solution to lagging performance onroute to a friend's Montana mountain lodge, the idea of converting the popular single Navion to a twin was suggested by Roger Keeney of the Acme Aircraft Co.

Keeney would assemble a team of engineers from North American Aviation and Douglas Aircraft who, under the supervision of Walter Feller, worked evenings and nights to develop and design the numerous modifications needed.

After more than a a year of work, the X-16 took to the air for a series of test flights. Only minor changes were required, and the Twin Navion impressed everyone with the strength of its design. Following its certification, the X-16 was redesignated the D-16.

Charles Daubenberger, and his partner company, the Plastic and Rubber Product Co. operated N91793 until August 1953. After that, it was sold to Riley Aircraft Corp. and remanufactured to their production D-16 standards. It was reidentified as TN-9, N22Y.

COLOR NOTES:

N91793 WAS REFINISHED INSIDE AND OUT TOWARDS THE END OF ITS CONVERSION IN 1952.

OVERALL AIRFRAME: EXTRA DARK BLUE

ACCENT COLOR: WHITE

HORIZONTAL STABILIZER
ANGLE OF INCIDENCE CHANGE

BOARDING ASSIST STEP

ANTI-SLIP WALKWAY
COLOR: BLACK

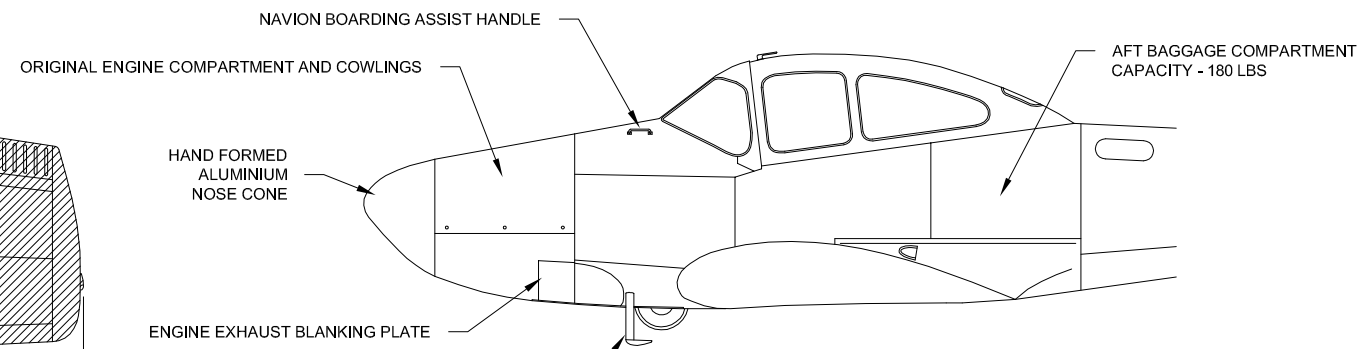
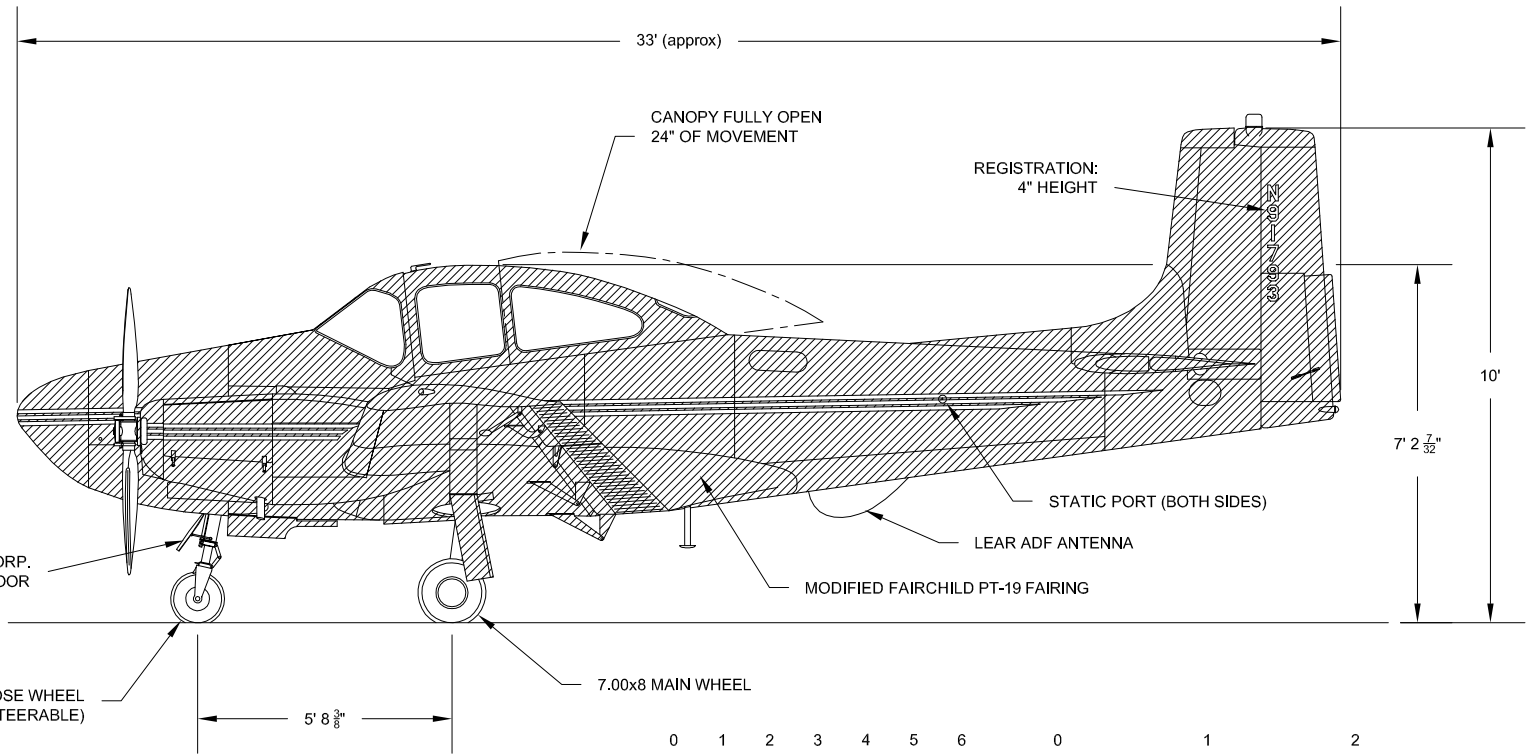
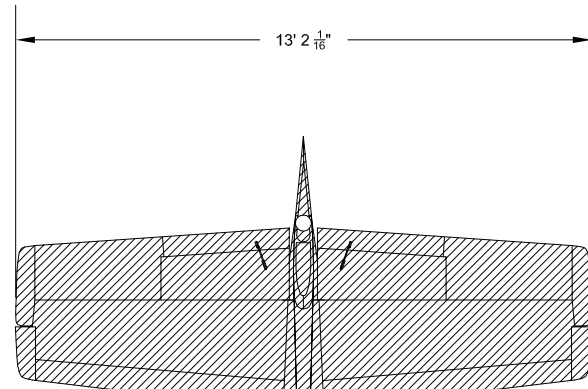
FLARE COMPARTMENT
BLANKING PLATE

ANTI-SLIP WALKWAY
COLOR: BLACK

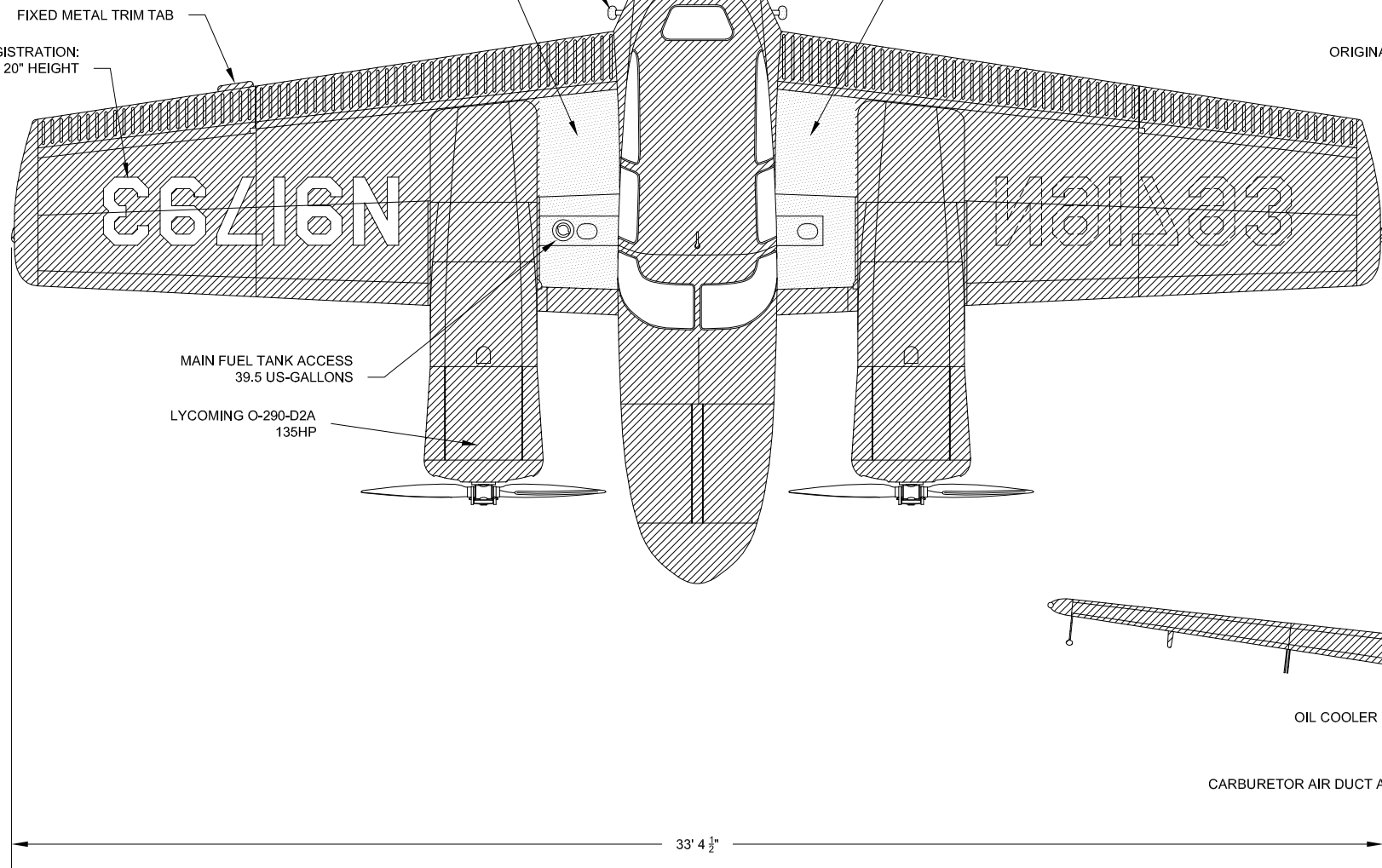
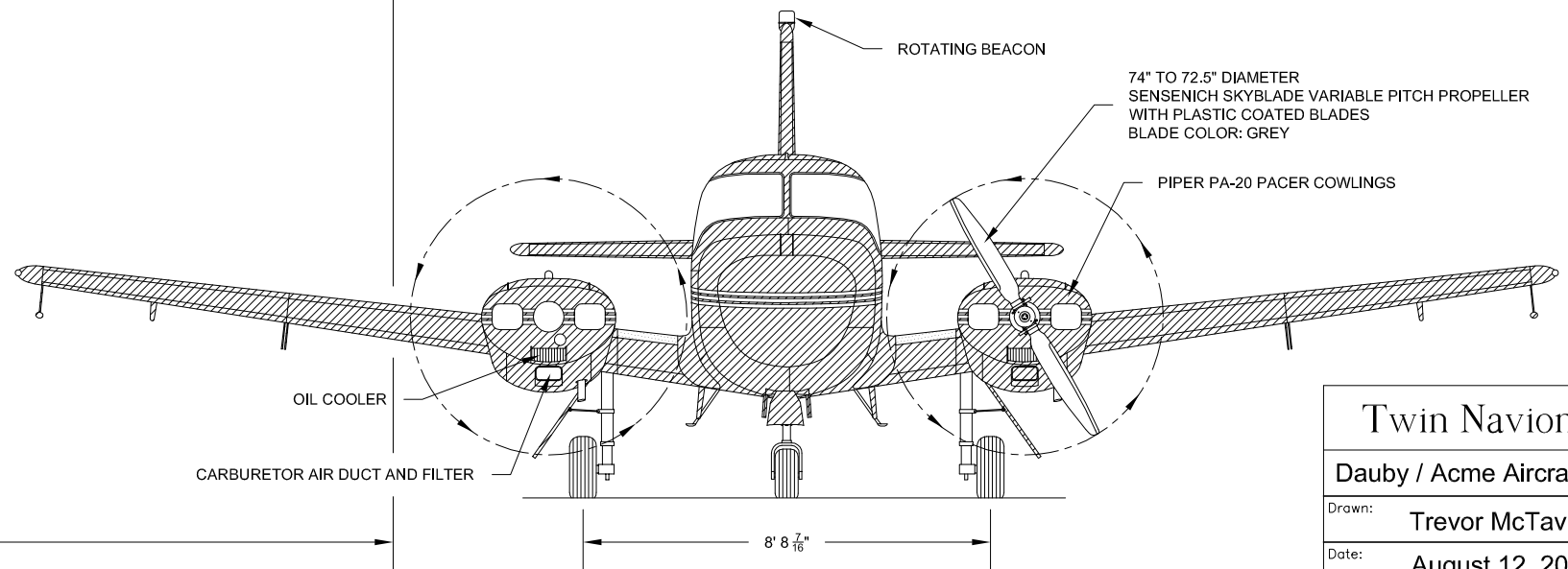
FIXED METAL TRIM TAB
REGISTRATION:
20" HEIGHT

MAIN FUEL TANK ACCESS
39.5 US-GALLONS

LYCOMING O-290-D2A
135HP



ORIGINAL CONFIGURATION



Twin Navion.com	
Dauby / Acme Aircraft X/D-16	
Drawn:	Trevor McTavish
Date:	August 12, 2008
Scale:	1/48
Sheet:	1/1