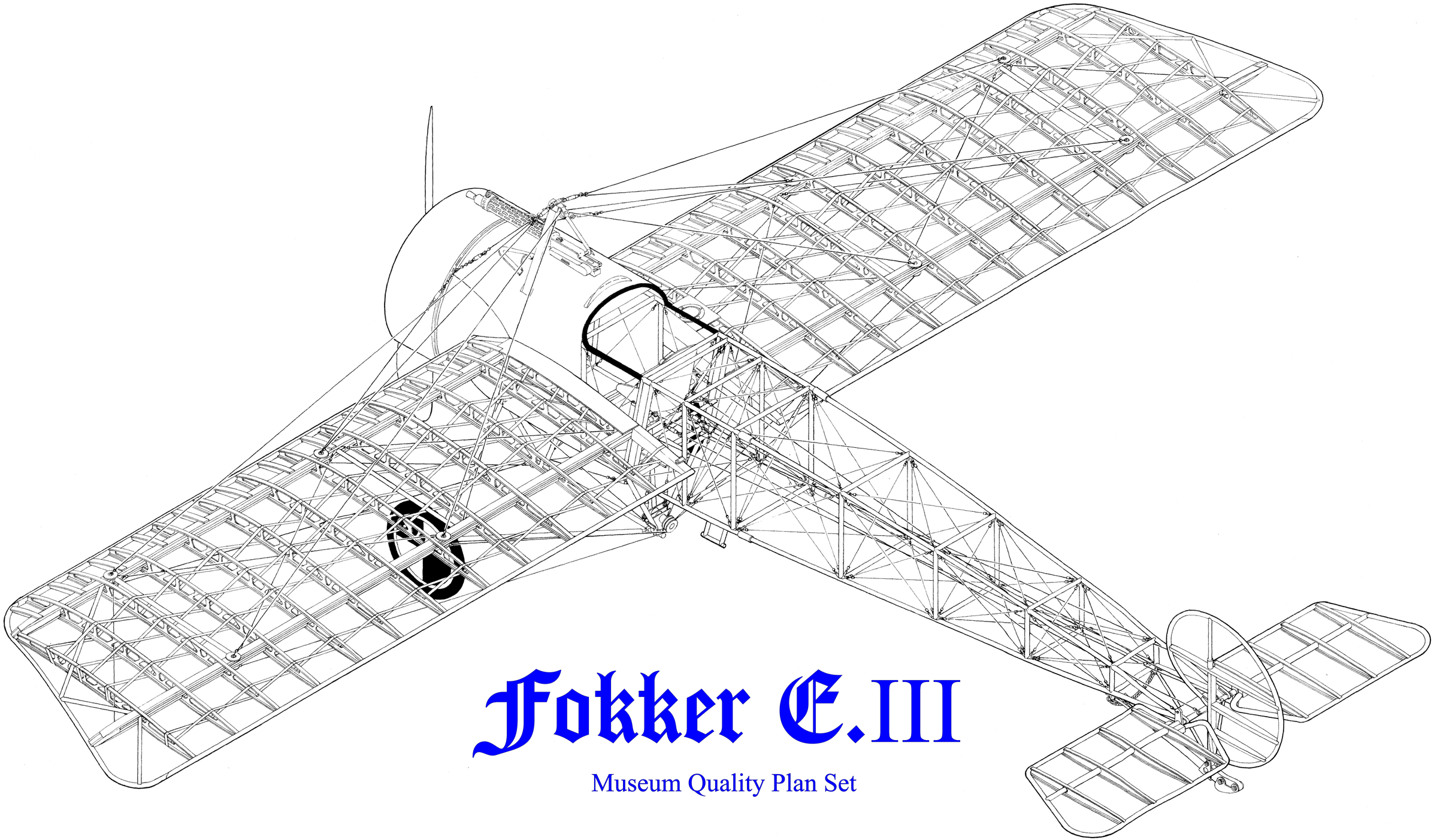
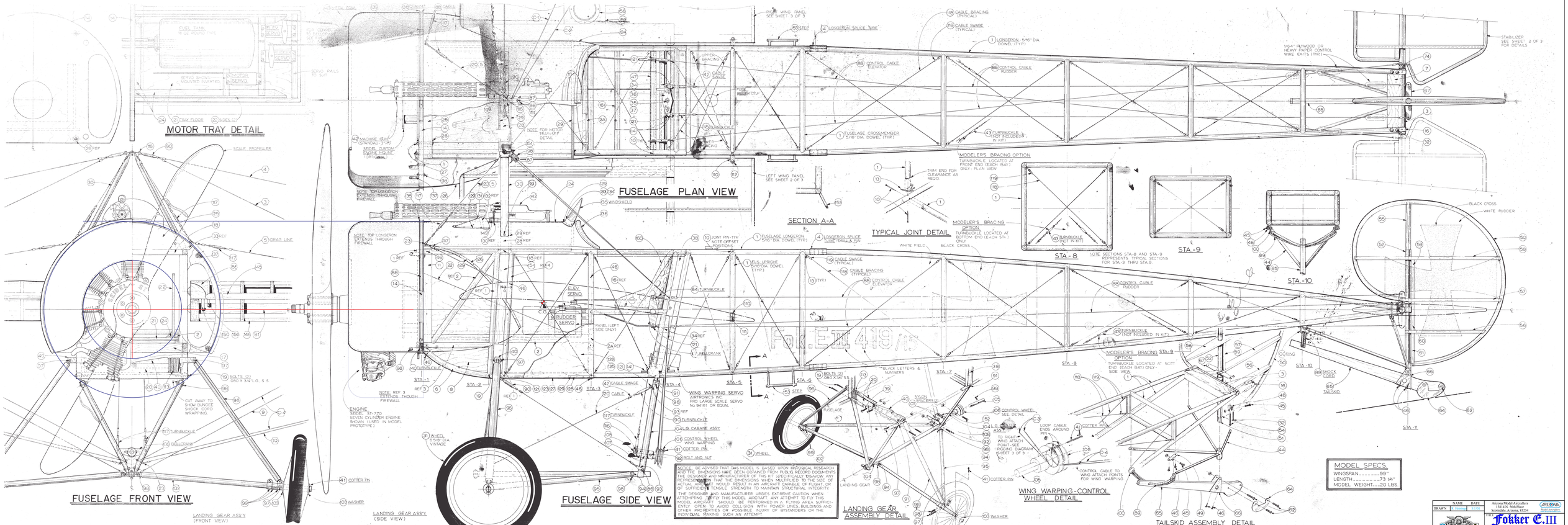


Fokker E.III

Museum Quality Plan Set


MOTOR TRAY DETAIL
FUSELAGE FRONT VIEW
LANDING GEAR ASS'Y (FRONT VIEW)
LANDING GEAR ASS'Y (SIDE VIEW)
FUSELAGE SIDE VIEW
FUSELAGE PLAN VIEW
SECTION A-A
TYPICAL JOINT DETAIL
MODELER'S BRACING OPTION
TURNBUCKLE LOCATED AT FRONT END (EACH BAY) ONLY - PLAN VIEW
MODELER'S BRACING OPTION
TURNBUCKLE LOCATED AT BOTTOM END (EACH STA.) ONLY
STA-8
STA-9
STA-10
STA-11
STA-12
NOTE SECTIONS STA-8 AND STA-9 REPRESENTS TYPICAL SECTIONS FOR STA-3 THRU STA-9
MODELER'S BRACING STA-9 OPTION
TURNBUCKLE LOCATED AT BUTT END (EACH BAY) ONLY - SIDE VIEW
WING WARPING SERVO
AIRTRONICS INC. P/NO LARGE SCALE SERVO No 94161 OR EQUAL
WING WARPING-CONTROL WHEEL DETAIL
LANDING GEAR ASSEMBLY DETAIL
TAILSKID ASSEMBLY DETAIL
ENGINE
SIEGEL ST-770 SEVEN CYLINDER ENGINE SHOWN (USED) IN MODEL PROTOTYPE)
NOTICE
BE ADVISED THAT THIS MODEL IS BASED UPON HISTORICAL RESEARCH, AND THE DIMENSIONS HAVE BEEN OBTAINED FROM PUBLIC RECORD DOCUMENTS. THE DESIGNER AND MANUFACTURER OF THIS KIT SPECIFICALLY DISAVOW ANY REPRESENTATION THAT THE DIMENSIONS WHEN MULTIPLIED TO THE SIZE OF ACTUAL AIRCRAFT WOULD RESULT IN AN AIRCRAFT CAPABLE OF FLIGHT, OR OF SUFFICIENT TENSILE STRENGTH TO MAINTAIN STRUCTURAL INTEGRITY.
THE DESIGNER AND MANUFACTURER URGES EXTREME CAUTION WHEN ATTEMPTING TO FLY THIS MODEL AIRCRAFT. ANY ATTEMPT TO FLY THIS MODEL AIRCRAFT SHOULD BE PERFORMED IN A FLYING AREA SUFFICIENTLY OPEN TO AVOID COLLISION WITH POWER LINES, BUILDINGS AND OTHER PROPERTIES OR POSSIBLE INJURY OF BYSTANDERS OR THE INDIVIDUAL MAKING SUCH AN ATTEMPT.
MODEL SPECS
WINGSPAN.....99"
LENGTH.....73 1/4"
MODEL WEIGHT...20 LBS.
Fokker E.III
Arizona Model Aircrafters
13614 N. 56th Place
Scottsdale, Arizona, 85254
Fuselage
SHEET 1 OF 3

1/4" TAPE - NO PINKED EDGE
COLOR PINK, SOME STATE
COLOR BLUE. (OPTIONAL)

WHITE FIELD

BLACK CROSS

146 TRAILING EDGE

COVERING

SCALE SIMULATED RIB STITCHING - UNDER TAPE

156 157 TYPICAL FOR WINGS, AILERONS, STABILIZER, ELEVATOR & RUDDER

81 REAR SPAR

TOP FLANGE SPLICE (SEE DETAIL - SHEET 3 OF 3)

46 TYP 85

WEB SPLICE

15 BOTTOM FLANGE SPLICE

72 72 83

79 79 119 157 118 119 150 119 COMPRESSION STRUT (3 REQ'D.) 118 150 85 81 63 MODIF (TYP.) 83 46

150 157

77 77 BUOY WIRE 156 72 118 72 RIB CAP STRIPS 75 MAIN RIB 11 REQ'D. PER WING PANEL 75 75 75 75 82 TIP RIB

157

TOP FLANGE SPLICE

WEB SPLICE

BOTT. FLANGE SPLICE -

78 FRONT SPAR

83 80

79 79 101 101 145

B B

76

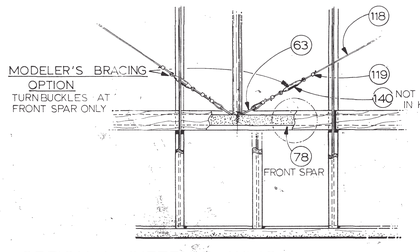
IN SIGNIA - ON UPPER AND LOWER WING SURFACES (SEE 4 VIEW SCALE DRAWING)

145 LEADING EDGE

NOTE: RIB SECTION DETAIL PROVIDED BY THE PETER M. GROSZ AERO COLLECTION

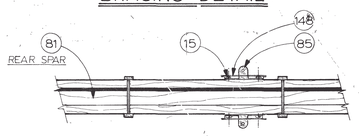
NOTE: R.H. WING PANEL AND L.H. WING PANEL ARE IDENTICAL EXCEPT OPPOSITE HAND.

LEFT WING PLAN

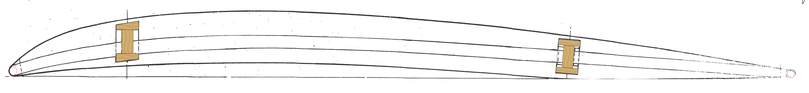


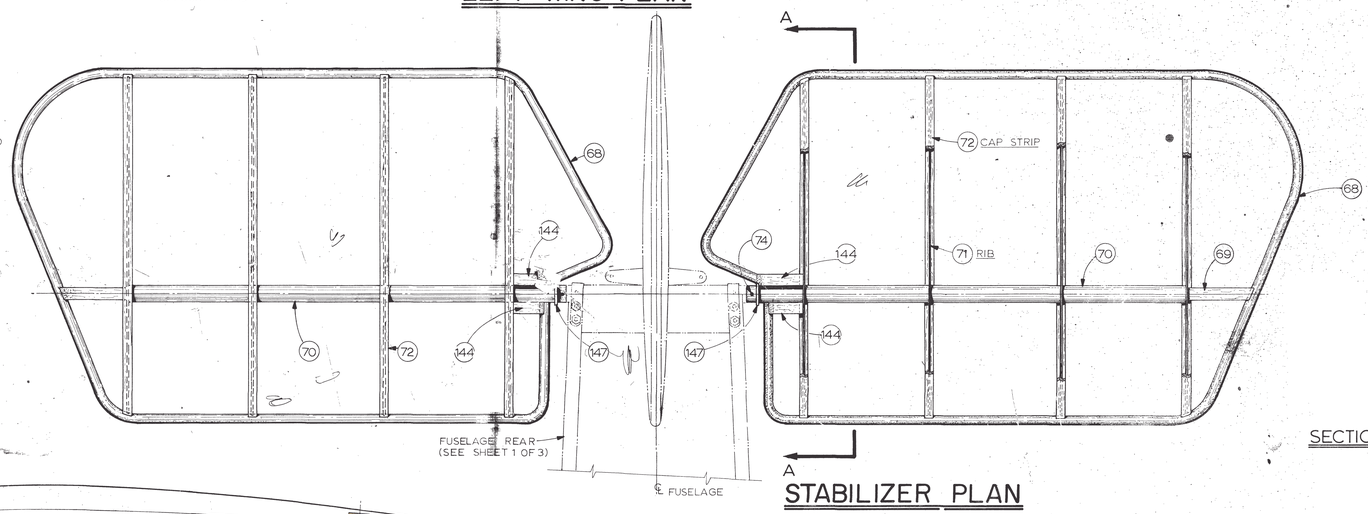
MODELER'S BRACING OPTION
TURNBUCKLES AT FRONT SPAR ONLY

OPTIONAL INTERIOR WING BRACING DETAIL

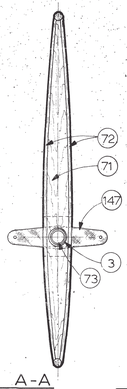


SECTION C-C

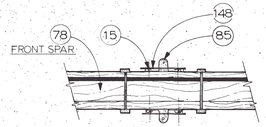




STABILIZER PLAN



SECTION A-A



SECTION B-B

NAME	DATE
DRAWN R. Heinings	3/1/01

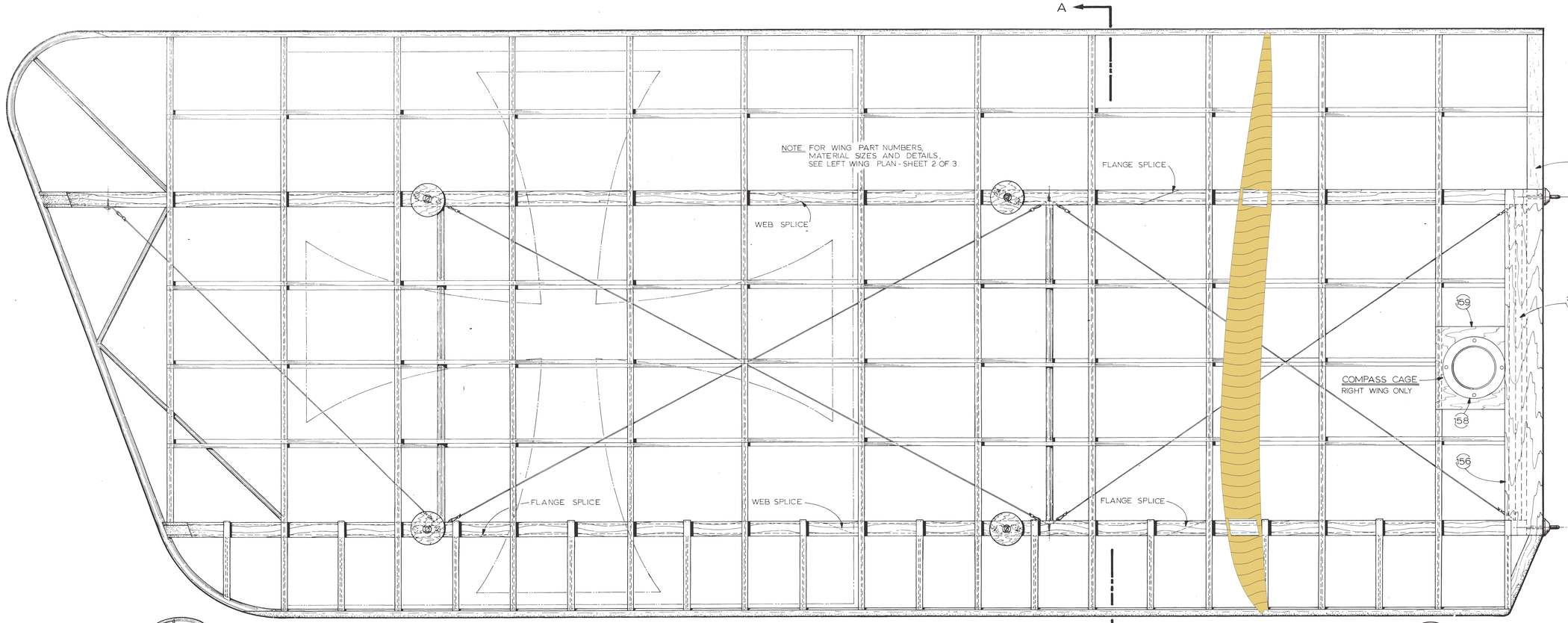
Arizona Model Aircrafters
13814 N. 56th Place
Scottsdale, Arizona, 85254

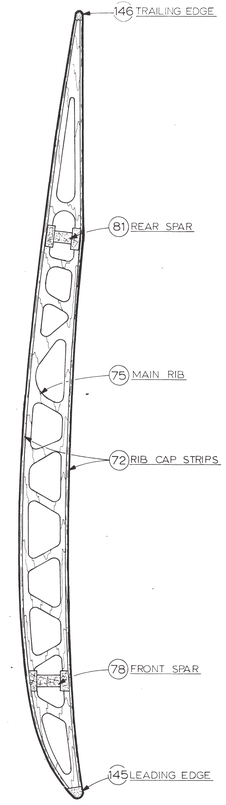
TITLE: Fokker E.III

SIZE: 36 | DWG NO.: Right Wing | REV: 1.1

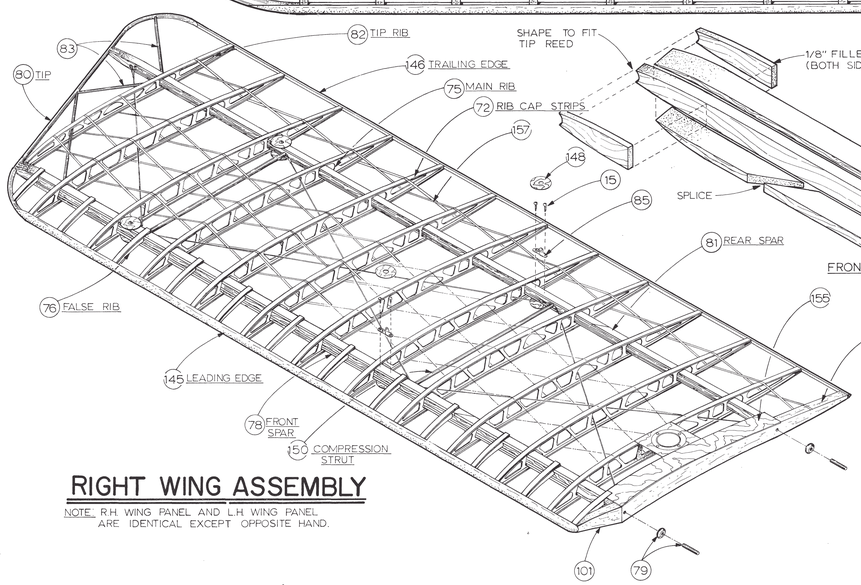
Components of this graphic have been digitally redrawn.

SCALE: 1/4 | WEIGHT: 14lb (est.) | SHEET 2 OF 3



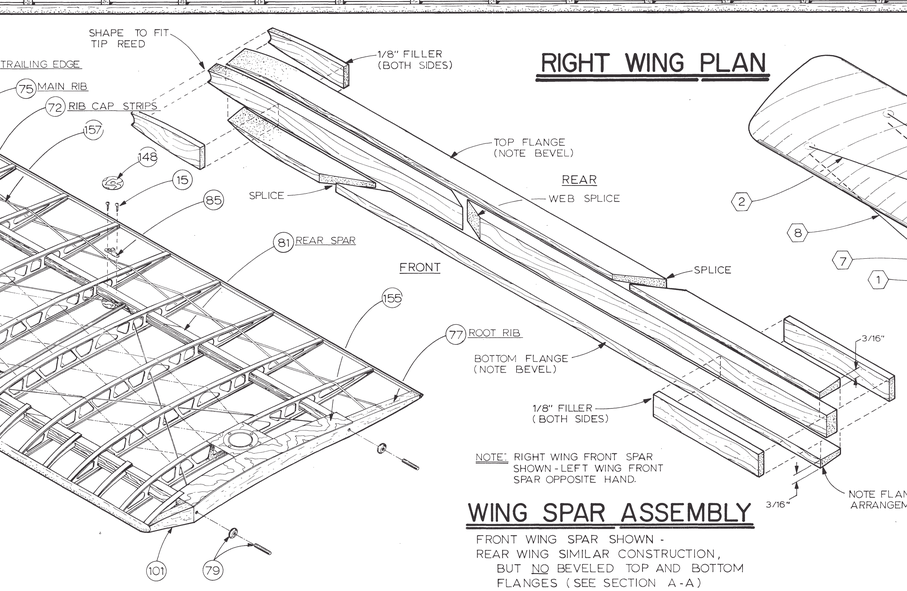


SECTION A-A TYPICAL RIB SECTION



RIGHT WING ASSEMBLY

NOTE: R.H. WING PANEL AND L.H. WING PANEL ARE IDENTICAL EXCEPT OPPOSITE HAND.

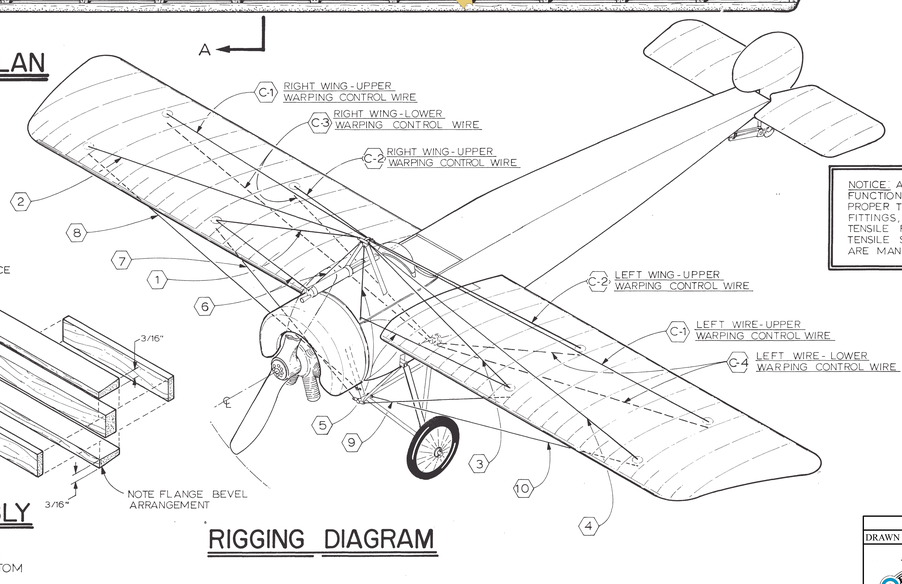


RIGHT WING PLAN

NOTE: RIGHT WING FRONT SPAR SHOWN - LEFT WING FRONT SPAR OPPOSITE HAND.

WING SPAR ASSEMBLY

FRONT WING SPAR SHOWN - REAR WING SIMILAR CONSTRUCTION, BUT NO BEVELED TOP AND BOTTOM FLANGES (SEE SECTION A-A)



RIGGING DIAGRAM

NOTICE: ALL CABLES, INCLUDING CONTROL CABLES, ARE FUNCTIONAL AND MUST BE MADE AND MAINTAINED IN PROPER TENSION AND WORKING ORDER. CABLE SWAGE FITTINGS, PROPERLY CRIMPED ON CABLES, RESULTS IN TENSILE RELEASE STRENGTH STRONGER THAN CABLE TENSILE STRENGTH. CABLE AND SWAGE FITTING TEST ARE MANDATORY.

	NAME	DATE
DRAWN	R. Heminge	3/1/01

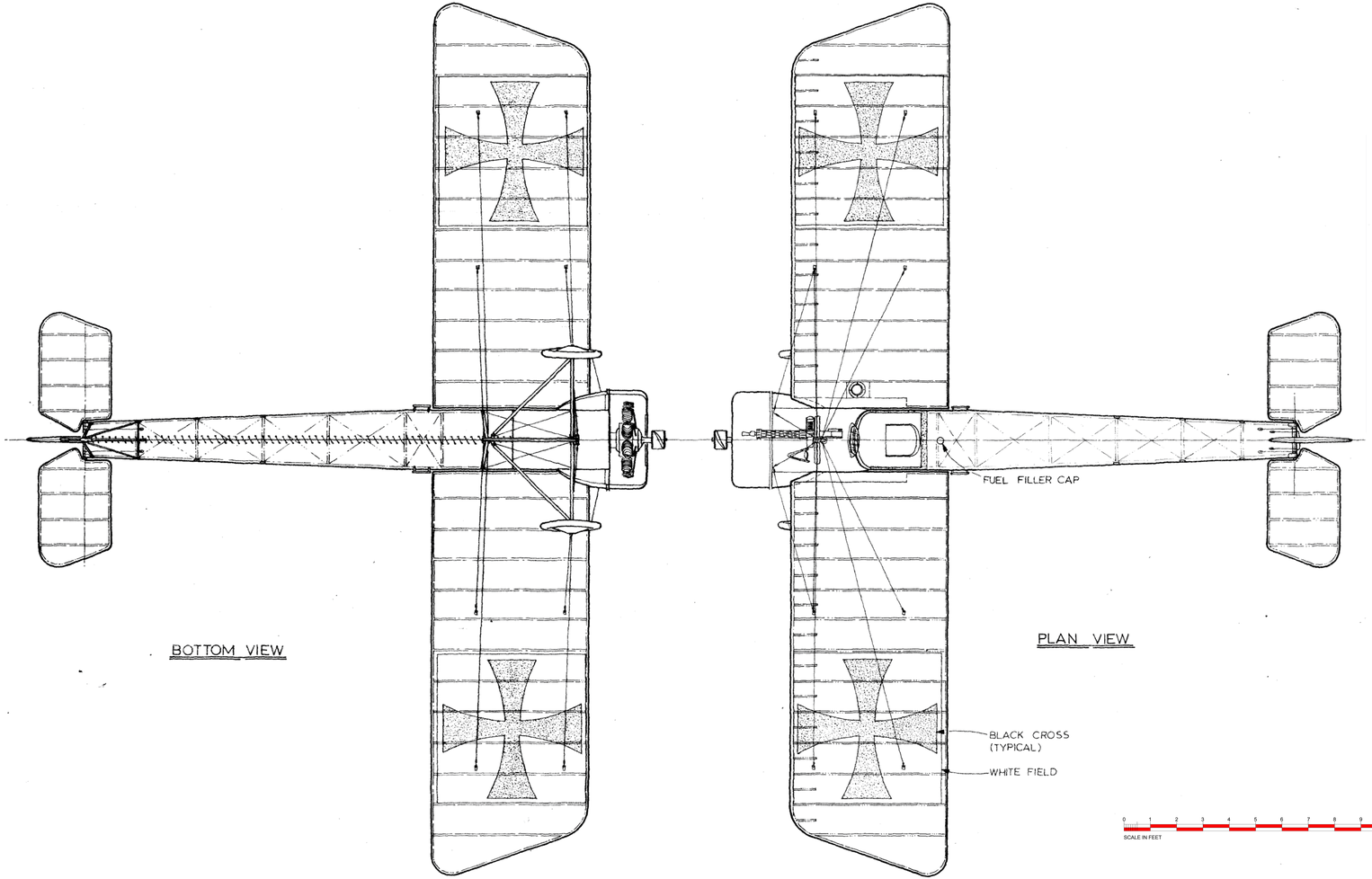
Arizona Model Aircrafters
13814 N. 56th Place
Scottsdale, Arizona, 85254

TITLE: Fokker E.III

SIZE	DWG NO.	REV
36	Left Wing	1.1

Components of this graphic have been digitally redrawn.

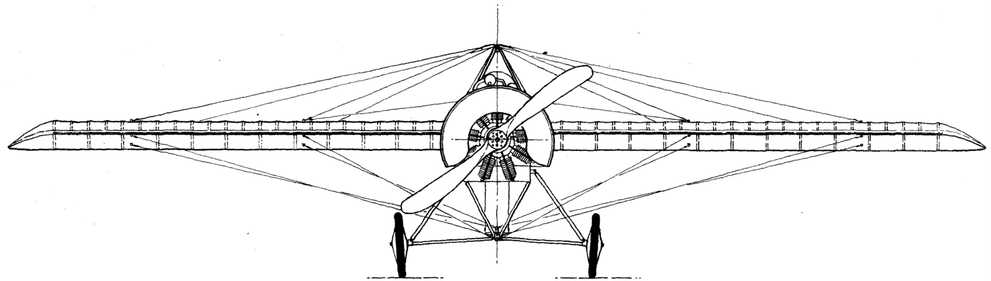
SCALE: 1/4 | WEIGHT: 14lb (est.) | SHEET 3 OF 3



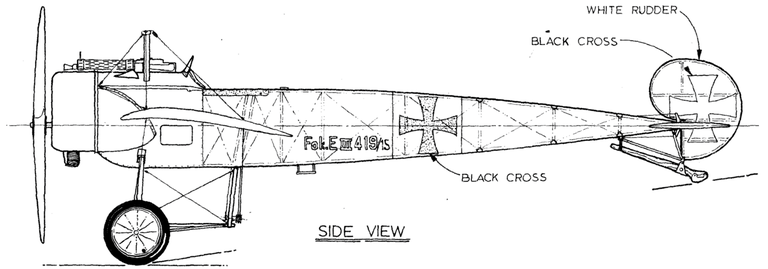
BOTTOM VIEW

PLAN VIEW

SCALE IN FEET



FRONT VIEW



SIDE VIEW

NAME	DATE
DRAWN	J Johnson 4/17/15

Arizona Model Aeroplanes
13814 N. 56th Place
Scottsdale, Arizona, 85254

TITLE: **Fokker E.III**

SIZE	DWG NO	REV
36	4 View	1.0

Components of this graphic have been digitally redrawn.

SCALE: 1/8 WEIGHT: 1lb5.0oz SHEET 1 OF 1