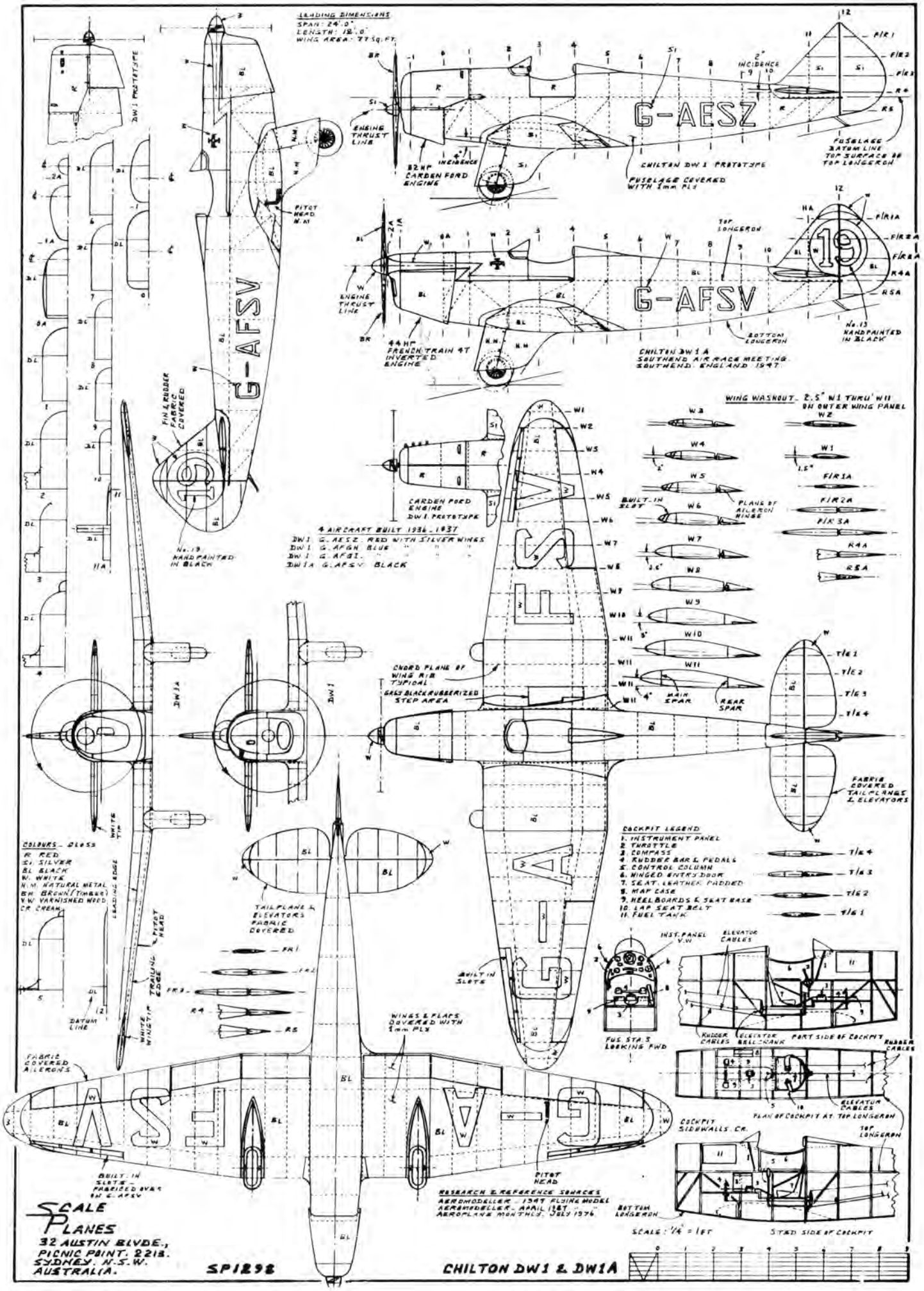
LEADING DIMENSIONS
SPAN: 24'-0"
LENGTH: 18'-0"
WING AREA: 77 Sq. FT.
G-AESZ
CHILTON DW1 PROTOTYPE
FUSELAGE COVERED WITH 1mm PLY
32 HP CARDEN FORD ENGINE
ENGINE THRUST LINE
INCIDENCE
FUSELAGE DATUM LINE TOP SURFACE OF TOP LONGERON
G-AFSV
CHILTON DW1A
SOUTHEND AIR RACE MEETING SOUTHEND, ENGLAND 1947
44 HP FRENCH TRIAN 4T INVERTED ENGINE
TOP LONGERON
BOTTOM LONGERON
No. 13 HAND PAINTED IN BLACK
PITOT HEAD
FIN & RUDDER FABRIC COVERED
No. 19 HAND PAINTED IN BLACK
CARDEN FORD ENGINE DW1 PROTOTYPE
4 AIRCRAFT BUILT 1936-1937
DW1 G-AESZ RED WITH SILVER WINGS
DW1 G-AFGN BLUE
DW1 G-AFGI
DW1A G-AFSV BLACK
WING WASHOUT 2.5° W1 THRU' W11
OH OUTER WING PANEL
BUILT-IN SLOT
PLANE OF AILERON HINGE
CHORD PLANE OF WING RIB TYPICAL
GREY BLACK RUBBERIZED STEP AREA
MAIN SPAR
REAR SPAR
FABRIC COVERED TAILPLANES & ELEVATORS
COLOURS - GLOSS
R RED
SI SILVER
BL BLACK
W WHITE
N.M. NATURAL METAL
BR BROWN (TIMBER)
V.W VARNISHED WOOD
CR CREAM
WHITE TIP
LEADING EDGE
TRAILING EDGE
WHITE WINGTIP
DATUM LINE
TAILPLANE & ELEVATORS FABRIC COVERED
COCKPIT LEGEND
1. INSTRUMENT PANEL
2. THROTTLE
3. COMPASS
4. RUDDER BAR & PEDALS
5. CONTROL COLUMN
6. HINGED ENTRY DOOR
7. SEAT: LEATHER PADDED
8. MAP CASE
9. HEELBOARDS & SEAT BASE
10. LAP SEAT BELT
11. FUEL TANK
BUILT IN SLOTS
WINGS & FLAPS COVERED WITH 1mm PLY
FABRIC COVERED AILERONS
BUILT-IN SLOTS FABRICED OVER OH G-AFSV
PITOT HEAD
INST. PANEL V.W
ELEVATOR CABLES
FUS. STA. 3 LOOKING FWD
RUDDER CABLES
ELEVATOR BELLCRANK
PORT SIDE OF COCKPIT
RUDDER CABLES
ELEVATOR CABLES
PLAN OF COCKPIT AT TOP LONGERON
COCKPIT SIDEWALLS CR.
TOP LONGERON
BOTTOM LONGERON
STBD SIDE OF COCKPIT
SCALE: 1/4" = 1 FT
RESEARCH & REFERENCE SOURCES
AEROMODELLER - 1947 FLYING MODEL
AEROMODELLER - APRIL 1947
AEROPLANE MONTHLY - JULY 1976
SCALE PLANES
32 AUSTIN BLVDE.,
PICNIC POINT. 2218.
SYDNEY. N.S.W.
AUSTRALIA.
SP1298
CHILTON DW1 & DW1A