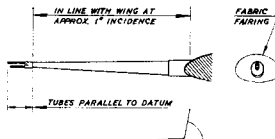
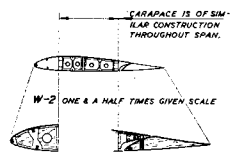


PLEASE THANKS TO:  
 S. J. GULVIE, ESQ., GENERAL  
 MANAGER, THE SHUTTLE-  
 WORTH TRUST  
 W. J. BROWN & R. R. MITCHELL  
 W. HAWKER-SIDDELEY  
 AIRCRAFT LTD., NATSFIELD.  
 W. S. ANN C. TILBURY,  
 PHOTOGRAPHIC LIBRARIAN,  
 1, 5th INTERNATIONAL,  
 J. SEMI TOMANIEWICZ  
 & G. MOULTON.



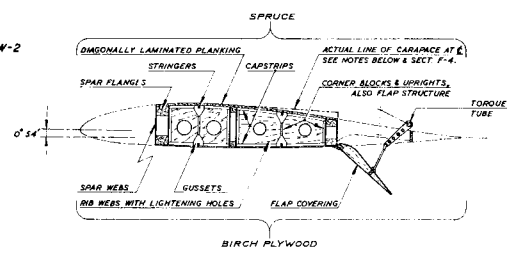
AIR-SPEED PITOT TUBE  
 THREE TIMES GIVEN SCALE



NOSE & AILERON DETAILS  
 THREE TIMES GIVEN SCALE

SEE THE AEROPLANE,  
 7th OCTOBER, 1934  
 FOR DETAILS OF  
 S.P.S. SIX R ENGINE.

RAF 34 AEROFOIL.		ALL VALUES ARE PERCENTAGES OF CHORD													
STATION	1.25	2.5	5	7.5	10	15	20	30	40	50	60	70	80	90	95
UPPER	2.83	4.11	5.05	5.82	6.90	7.72	8.33	8.08	7.22	5.83	4.31	2.70	1.28	0.64	
LOWER	1.83	2.14	2.81	3.23	3.53	3.91	4.16	4.33	4.11	3.49	2.30	1.34	0.76		

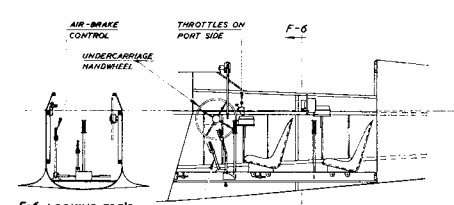


WING SECTION AT AIRCRAFT CENTRELINE, SHOWN AS TRUE & COMPLETE RAF 34 AEROFOIL. UPPER SURFACE BETWEEN MACELLES & LEFT OF 40% CHORD IS IN FACT MODIFIED TO SUIT REFLEX CURVE OF FILLETS AS SHOWN THUS - NOTE SHAPE OF REAR SPAR SHOWN IN SECT. F-4, ALSO SECTS. F-5 & W-1 ON SHEET 1. STRUCTURAL DETAILS ARE TYPICAL. STRAIGHT-LINE TAPER OF WING EXTENDS FROM CENTRELINE TO TIP SECT. W-2 AT LEFT. ACTUATING LEVERS OF AIR BRAKES ARE LOCATED 18" EACH SIDE OF AIRCRAFT CENTRELINE. SECTION IS ONE & A HALF TIMES GIVEN SCALE.

OPENINGS OVER OIL TANK FILLER & AT TRAILING EDGE OF MACELLE.

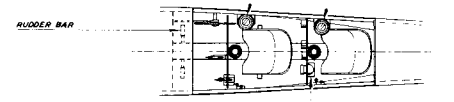
W-1

FUEL TANKS FILLED CAPS COLOUR CODING  
 FORWARD TANK (20 GAL) - BLACK  
 MIDSHIP TANK (10 GAL) - WHITE  
 AFTER TANK (20 GAL) - RED

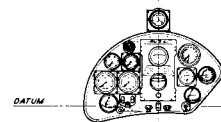


F-6 LOOKING FORWARD WITH WING FILLETS & CONTROLS ADDED

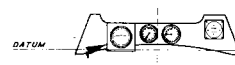
WHEEL BRAKE COMPASSES



COCKPIT COLOURS  
 ALL SURFACES - PLAIN VARNISH  
 SEATS - BLACK  
 THROTTLES, CONTROL LEVERS & UNDERCARRIAGE WHEEL - NATURAL ALLOY  
 RINGS & LEVER TOPS - BLACK VULCANITE  
 TOP DECKING FROM WINDSCREEN TO FRONT PANEL - MATT BLACK



FRONT INSTRUMENT PANEL  
 TWICE GIVEN SCALE



REAR INSTRUMENT PANEL  
 TWICE GIVEN SCALE

INSTRUMENTS ON MAIN FRONT PANEL ARE NOT SHOWN IN COCKPIT VIEWS AT RIGHT.

PANEL COLOURS  
 FRONT PANEL - MATT BLACK  
 REAR PANEL - VARNISHED TIMBER  
 INSTRUMENTS - BLACK BODIES, DIALS, WHITE MARKINGS.

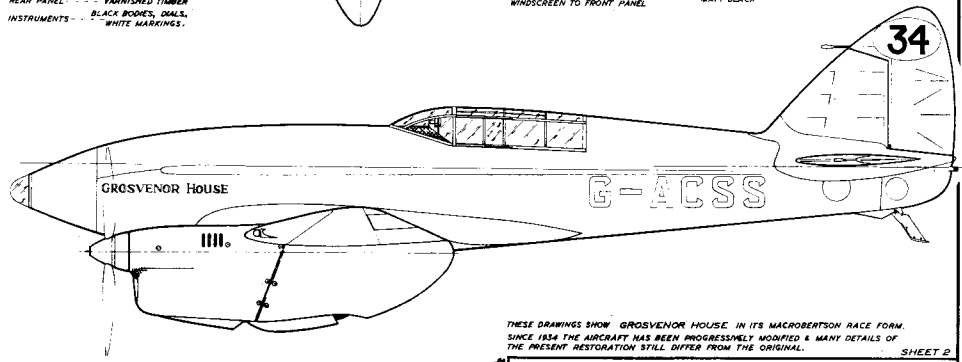
TRAILING ENDS OF FUSELAGE STRIPES ARE UNCERTAIN & PROBABLY FADED DURING THE MACROBERTSON RACE.

AIRCRAFT COLOURS  
 ENTIRE AIRCRAFT INCL. TAILSKID - BRIGHT RED  
 REGISTRATION, STRIPING & GROSVENOR HOUSE - WHITE  
 RACING NUMBER - BLACK ON WHITE GROUND

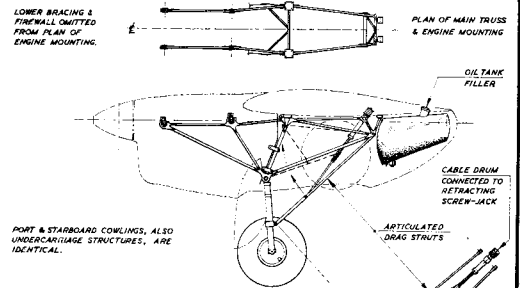
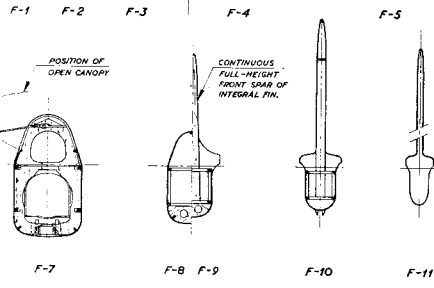
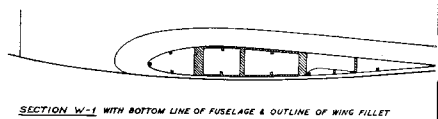
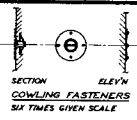
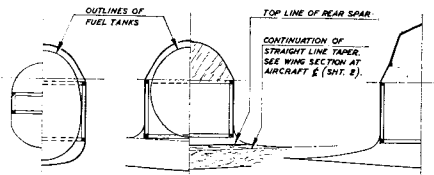
DATA

WINGSPAN	44'-0"
OVERALL LENGTH (INCL. MOORING RING)	25'-8"
TAILPLANE SPAN	12'-2"
WHEEL TRACK	5'-8"
PROPELLER DIAMETER	6'-0 1/2" (2m)
GROSS WING AREA	210.5 sq ft
NETT WING AREA	198.5 sq ft

\* ORIGINAL LENGTH OF G-ACSS BEFORE FITTING NOSE LANDING LIGHT WAS 25'-1"



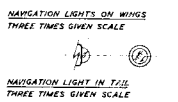
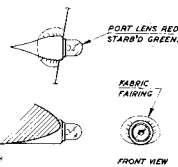
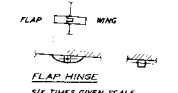
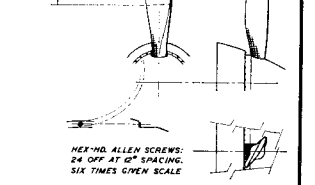
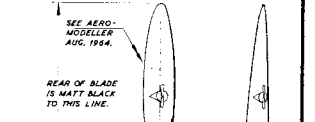
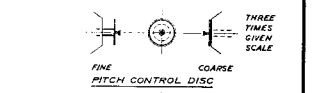
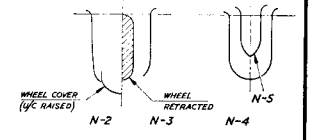
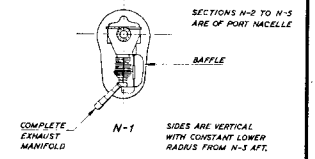
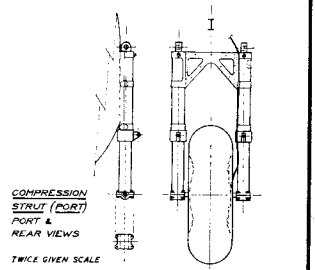
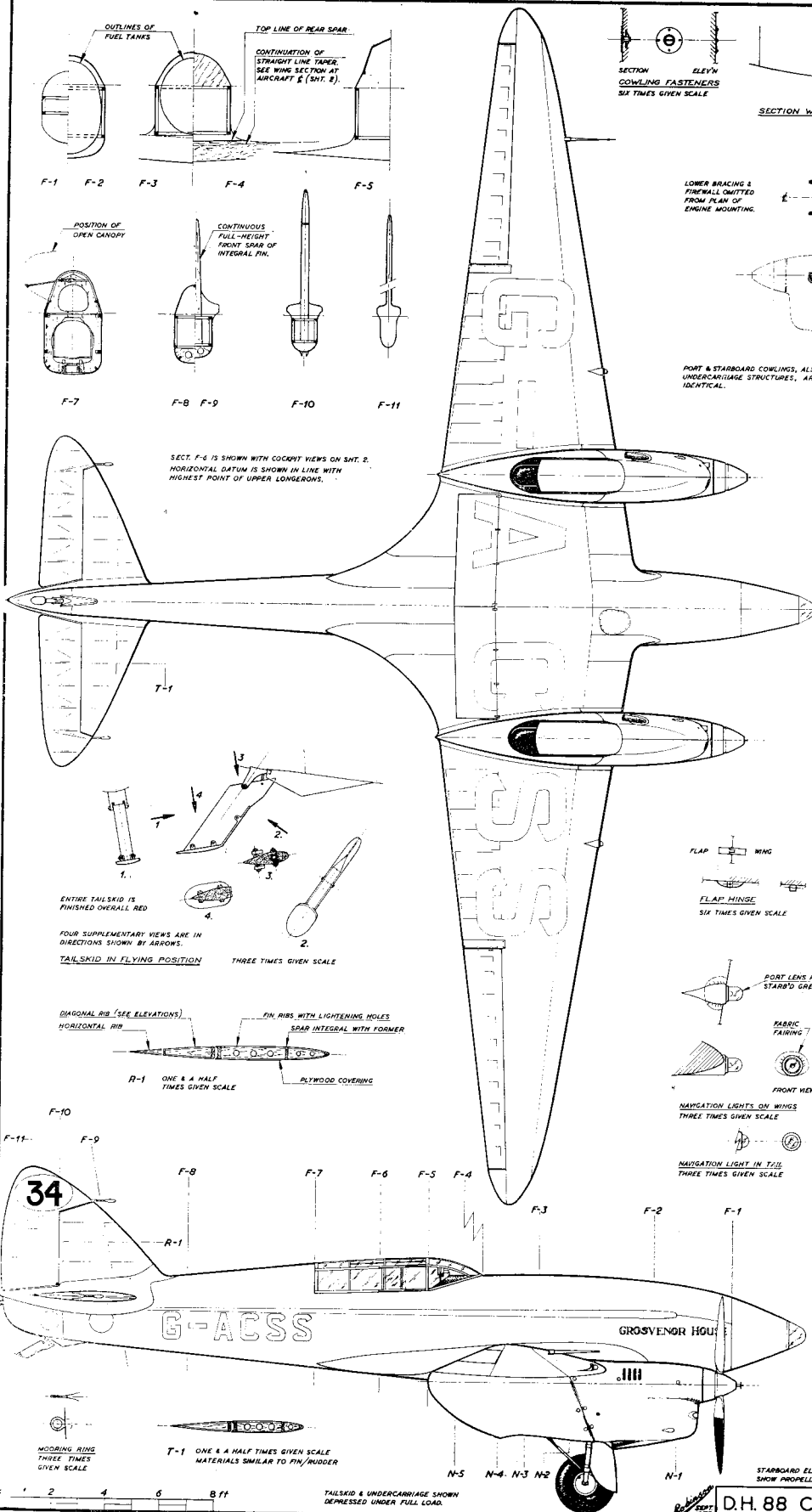
THESE DRAWINGS SHOW GROSVENOR HOUSE IN ITS MACROBERTSON RACE FORM. SINCE 1934 THE AIRCRAFT HAS BEEN PROGRESSIVELY MODIFIED & MANY DETAILS OF THE PRESENT RESTORATION STILL DIFFER FROM THE ORIGINAL.



SECT. F-4 IS SHOWN WITH COCKPIT VIEWS ON SHT. 2. HORIZONTAL DATUM IS SHOWN IN LINE WITH HIGHEST POINT OF UPPER LONGERONS.

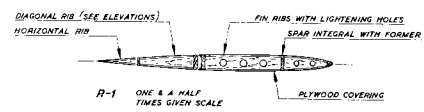
PORT & STARBOARD COWLINGS, ALSO UNDERCARRIAGE STRUCTURES, ARE IDENTICAL.

UNDERCARRIAGE EXTENDED (NO LOADS)  
RETRACTED WHEEL & STRUTS ARE SHOWN BY DOTTED LINES.



ENTIRE TAILSKID IS FINISHED OVERALL RED

FOUR SUPPLEMENTARY VIEWS ARE IN DIRECTIONS SHOWN BY ARROWS.  
TAILSKID IN FLYING POSITION THREE TIMES GIVEN SCALE



F-10

F-9

F-8

F-7

F-6

F-5

F-4

F-3

F-2

F-1

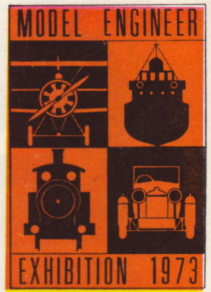
T-1 ONE & A HALF TIMES GIVEN SCALE  
MATERIALS SIMILAR TO FIN/WOODER

MOORING RING THREE TIMES GIVEN SCALE

STARBOARD ELEVATION & DETAIL SHOW PROPELLER IN FINE PITCH

December 1972

# Aero Modeller



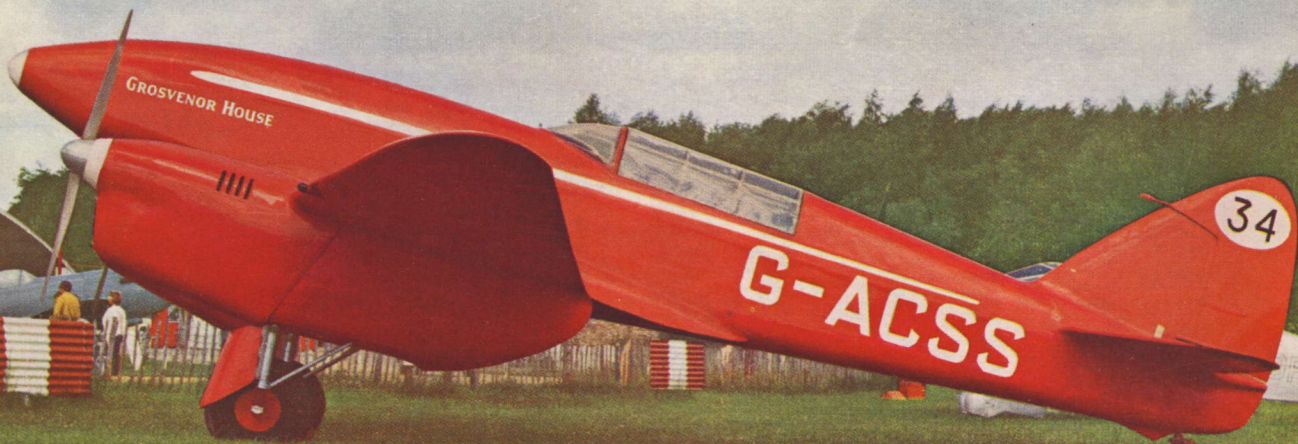
15p USA & Canada 75c.

INCORPORATING  
MODEL AIRCRAFT



HOBBY MAGAZINE

## De Havilland 88 COMET scale drawings



TWO FREE PLANS INSIDE