

ROYAL AIR FORCE.

TECHNICAL NOTES

MARTINSYDE SCOUT.

NOTE.

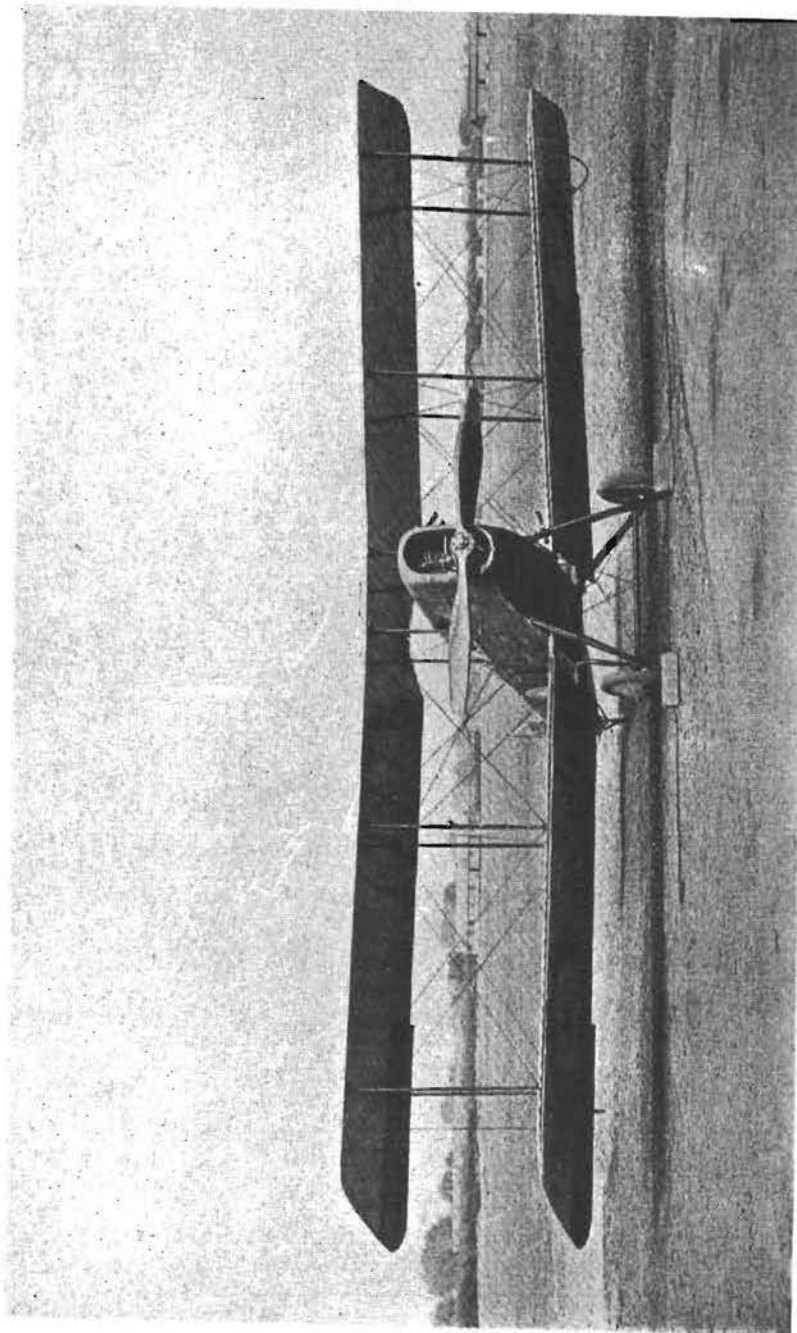
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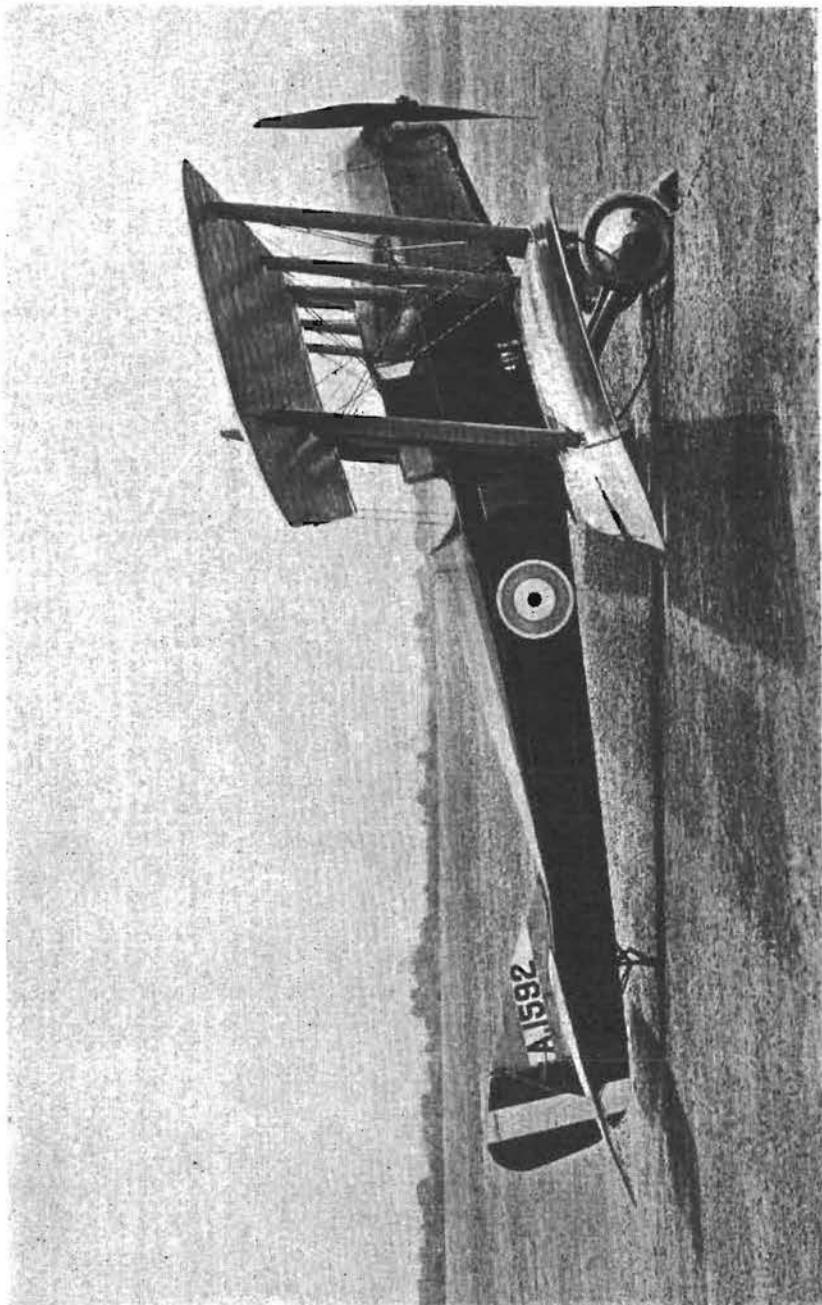
MARTINSYDE SCOUT.

- [1] G.100 120 H.P. BEARDMORE.
 [2] G.102 160 H.P. BEARDMORE.

LIST OF PRINCIPAL DIMENSIONS.

Span of Upper Main Planes	38' 0"
Span of Lower Main Planes	38' 0"
Chord of Upper Main Planes	5' 11½"
Chord of Lower Main Planes	5' 11½"
Incidence of Upper Main Planes	3°
Incidence of Lower Main Planes	3°
Stagger	18"
Dihedral	2½°
Overall Length	26' 6½"
Height	9' 8"
Wheel Track	6' 0"
Droop of Ailerons	Nil





MARTINSYDE SCOUT.

[1] G.100 120 H.P. BEARDMORE.

[2] G.102 160 H.P. BEARDMORE.

POINTS TO OBSERVE WHEN OVERHAULING MACHINE.

See that the Leading Edges of the Main Planes are Symmetrical about centre line of Machine.

Examine the Bracing Wires for length and tautness in the Centre Section, and see that the Split Pins are in position, and that all Lock Nuts are tight.

Check the Dihedral of Lower Main Planes.

Check the Stagger.

Check the Incidence.

See that the Interplane Struts are straight.

Examine all Main Plane Bracing Wires for length and tautness, and see that all Split Pins are in position.

Examine all Control Pulleys and Cables, see that they work freely, and that Turnbuckles on Cables are locked.

Examine Tail Plane and see that it is set correctly and is square with Machine, that all Tail Plane Bracing Wires are correct both as to tautness and length, that all Split Pins are in position, and that all Lock Nuts are tight.

Examine Rudder and Fin and see that they are set straight and square with Machine.

Measure the setting of the Ailerons and Elevators.

Examine Undercarriage and Skid.

Examine Tank Mountings and Connections.

Examine Engine Mounting, Engine Controls, and Engine Accessories.