

3rd Edition

AP 4347 F.PN

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Pilot's Notes

Hunter F Mk 6

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FULLER

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Comments and suggestions regarding Pilot's Notes should be forwarded to the Officer Commanding, Handling Squadron, Royal Air Force, Boscombe Down, Wiltshire.

July, 1961

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**PILOT'S NOTES
HUNTER F. MK.6.**

Prepared by Direction
of the
Minister of Aviation

Promulgated by Command
of the
Air Council

Henry Hardway

W. J. Dean

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AMENDMENTS

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NOTES TO USERS

1. These Notes are complementary to A.P. 129 (6th Edition), Flying. It is assumed that all concerned have a thorough knowledge of the chapters of A.P. 129 relevant to the operation of this type of aircraft (see A.M.O. A.293/55).
2. The limitations in Part II are mandatory and must never be exceeded. The contents of the other Parts of the book are mainly advisory, but instructions containing the word "must" are to be regarded as mandatory.
3. Throughout this publication the following conventions apply :
 - (a) Words in capital letters indicate the actual markings on the controls concerned.
 - (b) The numbers quoted in brackets after items in the text refer to illustrations in Part VI.
 - (c) Unless otherwise stated, all airspeeds, Mach numbers and accelerometer readings quoted are "Indicated."
 - (d) Fuel poundage figures are all calculated at 7.7. lb./gallon (Normal AVTAG).
4. Additional copies may be obtained by the station publications officer by application on R.A.F. Form 294A in quadruplicate to Command Headquarters for onward transmission to A.P.F.S. (see A.P. 113A). The number of this publication must be quoted in full—A.P.4347F – P.N. (3rd Edition).
5. Comments and suggestions should be forwarded to Officer Commanding, R.A.F., Handling Squadron, Boscombe Down, Wilts.

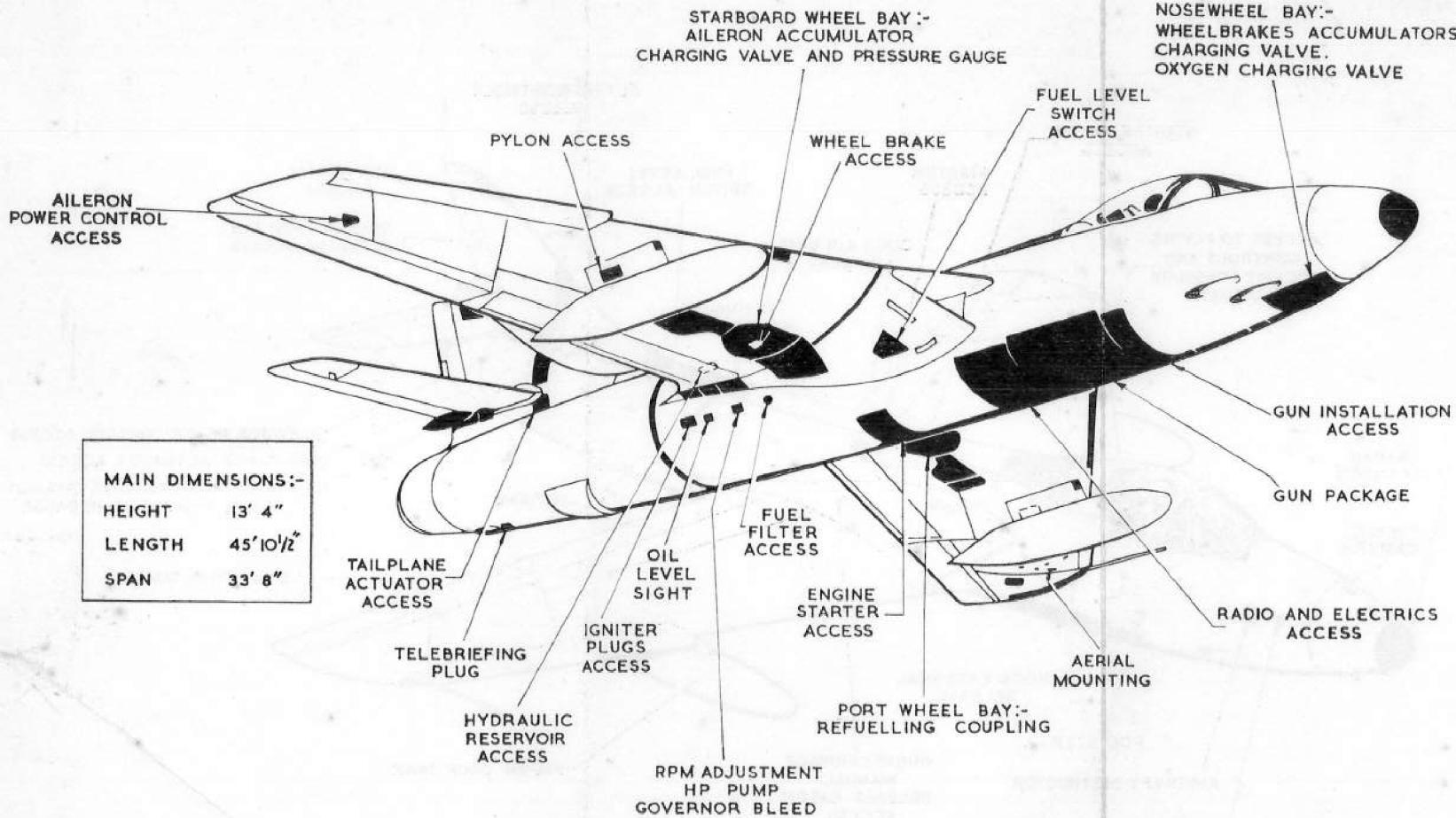
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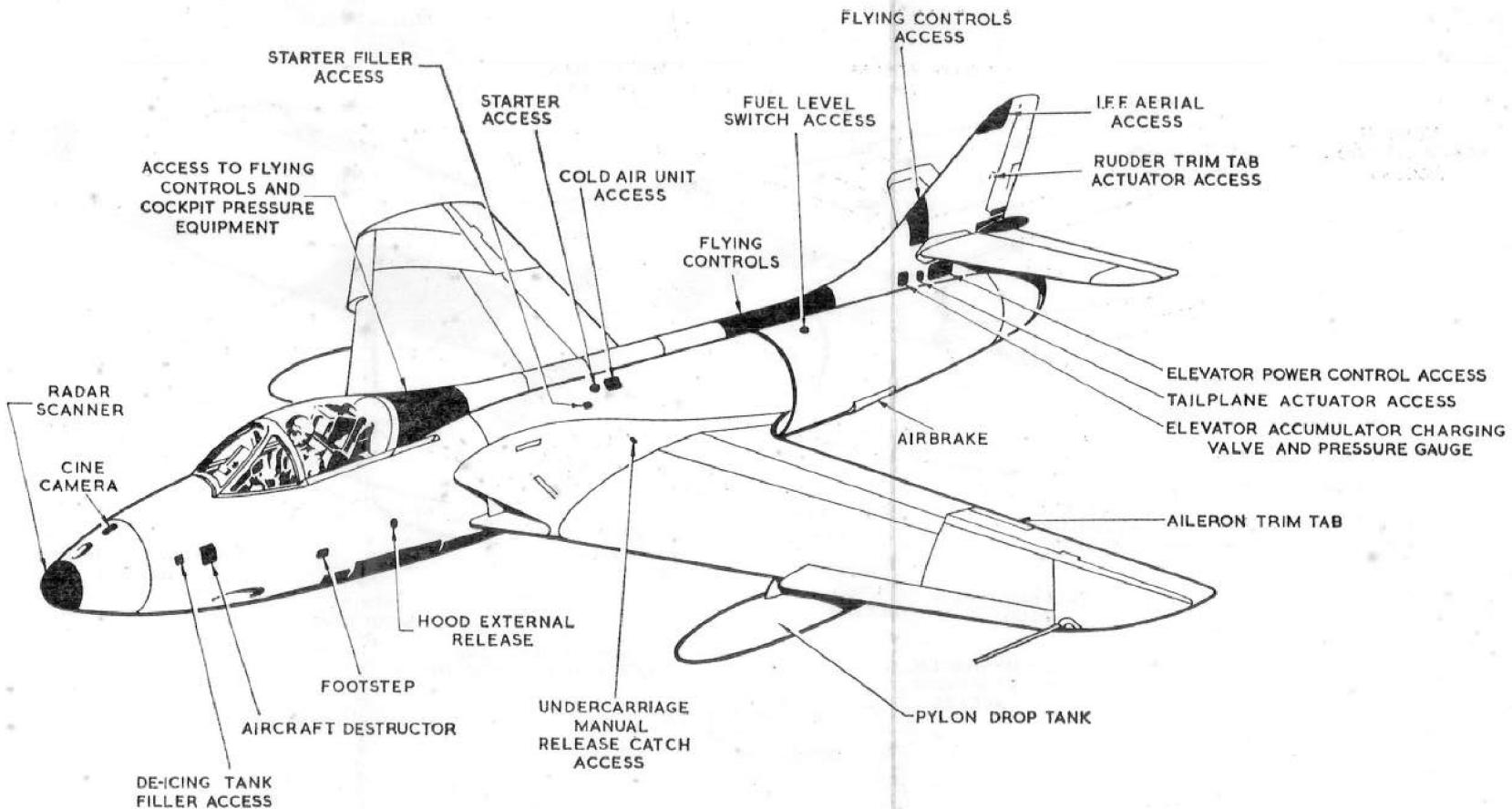
LIST OF ASSOCIATED AIR PUBLICATIONS AND AIR DIAGRAMS

<i>Title</i>	<i>A.P. No.</i>
Aden 30 mm. guns	1641S
Avon Mk. 20300 series E.C.U.	4481C
Cine cameras and accessories	1355D
Ejection seats, R.A.F. aircraft, Mk. 3 series	4288C
Electrical equipment manuals	4343 series
Fuel system components—Lucas	4282A
Gyro gunsights	1275E
Hydraulic equipment, Dowty	1803D
Hydraulic servicing trolley	2306B
Instrument manuals	1275 series
Powered flying control units—Fairey	4601A
Pressure cabin testing, servicing trolley	2306G
Pressurising and air conditioning equipment	4340
Pressure fuelling equipment	4511
Radio compass	2530M
Rotol accessory gearboxes and drives	2240A
Starting systems for aero engines	1181 series
Telebriefing	2876G
Undercarriage equipment, Dowty	1803E

	<i>A.D. No.</i>
Cockpit pressure, heating and ventilation	6445V
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ACCESS PANELS



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INTRODUCTION

1. The Hunter F Mk. 6 is a single-seat, high-speed aircraft powered by a single Avon Mk.203 axial-flow gas turbine engine.
2. Four Aden 30-mm. guns are fitted in a removable pre-armed armament package in the underside of the front fuselage. Provision is made for the carriage of bombs and R.P.'s.
3. The fully-powered ailerons and elevator both have Manual reversion : an electric follow-up tail is provided.
4. The cockpit, which is fully pressurised, is equipped with a Mk. 2H or 3H ejection seat.
5. Access to the cockpit is normally gained via a special ladder supplied as ground equipment. A single emergency footstep is located on the port side of the fuselage below the cockpit.
6. The principal dimensions of the aircraft are :—

Length, overall	..	..	45ft. 10 $\frac{1}{2}$ in.
Height, overall	..	..	13ft. 4in.
Wing span	..	..	33ft. 8in.
Tailplane span	..	..	11ft. 10in.
7. **Modifications**

The following modifications are referred to in the text.

Mod. No.	Effect of Modification
9	Inboard pylon, removable parts pre mod 228
375	Flight instruments, inverter circuit revised
378	Mk. 8 gunsight in lieu of Mk. 5
452	Powered controls switching revised
463	Inboard pylon, removable parts post mod 228
502	Powered controls, emergency Manual selection
592	Nose undercarriage, rear door anchorage improved
598	Nose undercarriage, doors etc reinforced
645	Inboard gun chutes revised
646	Outboard gun chutes revised
686	Aileron bypass boosters introduced
687	Elevator bypass boosters introduced
765	Provision for banner target towing
785	Braking parachute introduced
794	I.F.F. Mk. 10 in lieu of Mk. 3
848	Cockpit indicator for brake parachute
873	Auto stabiliser rendered inoperative
907	Tailplane actuator circuit revised
ES 421	Mk. 7A emergency oxygen bottle introduced
ES 491	G stop introduced on ejection seat
ES 1150	Mk. 7G emergency oxygen bottle introduced



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