

Chapter 1

TABULATED DATA

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| 1. | ALIGNING GEAR | |
| | Nose-wheel unit | |
| | Shock absorber | Oleo-pneumatic |
| | Pressure, air | 380 ± 10 lb/in ² |
| | Fluid | OM-15 (Ref.No. 34B/9 100572) |
| | Main-wheel units | |
| | Shock absorbers | Oleo-pneumatic |
| | Pressure, air | 545 + 25 lb/in ² |
| | Fluid | OM-15 (Ref.No. 34B/9 100572) |
| | Brakes, wheel | |
| | Type | Dunlop AH52485-6, Maxaret controlled |
| | Pressure | 1500 lb/in ² |
| 2. | AIR-CONDITIONING SYSTEM | Bootstrap system, using main air supply |
| 3. | DE-ICING SYSTEM | Refer to Chap. 4 |
| 4. | DIMENSIONS, AIRCRAFT | Refer to Fig. 1 |
| 5. | ELECTRICAL SYSTEM | |
| | Type | 28-volt d.c. and 200-volt, 3-phase
400 c/s a.c. with 28-volt d.c.
stand-by generator |
| | ◀ Main d.c. generator | Type A. E. 2519, Mk. 1 (Ref.No. 5UA/8784)
(pre Mod. 9039) |
| | | Type A. E. 2519, Mk. 2 (Ref.No. 5UA/1098481)
(post Mod. 9039) ▶ |
| | Stand-by d.c. generator | Type BT/0102M (Ref.No. 5UA/7875) |
| | Batteries | |
| | Main | One Type V24/19/25C (Ref.No. 5J/3336) |
| | Emergency | One 24-volt, 0.4 a/h (Ref.No. 5J/3340) |
| | Alternator | Type A. E. 2071 Mk. 1 (Ref.No. 5UA/8783) |
| 6. | ENGINES | ◀ Rolls Royce Avon Mk. Mk. 30201C E. C. U. ▶ |
| | Fuel | AVTUR/50 with F.S. 11 (no Spec.), Ref.No. 34A/2201036 |
| | | AVTUR/50 without F.S. 11 (D. Eng. R. D. 2494 Ref.No. 34A/9431771 |
| | | AVTAG with F.S. 11 (no Spec.), Ref.No. 34A/2201037 |
| | | AVTAG without F.S. 11 (D. Eng. R. D. 2486) Ref.No. 34A/9100448 |

Oil	OX-38, Ref.No. 34A/9100591
Oil capacity (each engine)	9½ pints
Accessory drive unit	Rotol ADE 383
Gearbox oil	OX-38
Oil capacity	3.625 pints
Engine starter system	Plessey LTSA 140
Fuel	AVPIN D. Eng. R. D. 2492 (Ref.No. 34A/9423147)
Tank capacity	3 gal
Reheat fuel pumps	Lucas TFP 118
Sump oil	OX-38

7. ENTRANCE AND EXIT Refer to Chap. 2

8. FUEL SYSTEM

Tank capacities

Main and leading-edge tanks	each	325 gal
Flap tanks	each	33 gal
Ventral pack (without guns)		609 gal
Ventral pack (with guns)		528 gal

9. HYDRAULIC SYSTEMS

Pumps

Services system	Integral, Type 180, Mk.50 or Mk.56
Controls system	Integral, Type 220, Mk.37
Fluid	OM-15 (Ref.No. 34B/9100572)
Normal working pressure	3000 lb/in ²
Capacity (total)	75 pints
Accumulator pressures	Refer to Chap. 4

10. NITROGEN SYSTEM Refer to Chap. 4

11. OXYGEN SYSTEM

Container B.O.A. liquid oxygen system
One 3½-litre, Mk.6 (Ref.No.6D/2159)

12. TYRES

Nose wheel	Dunlop tubeless DF388 1T
Main wheel	Dunlop tubeless 27A/4961

13. WHEELS

Nose	Dunlop AH520 17
Main	Dunlop AH52268

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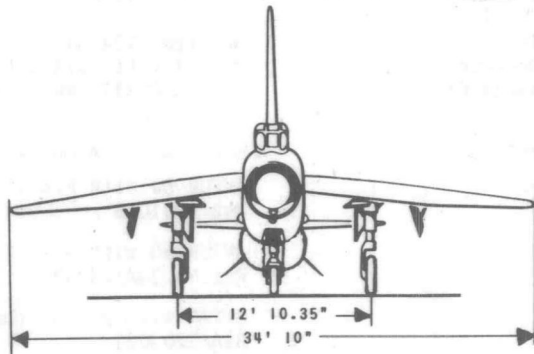
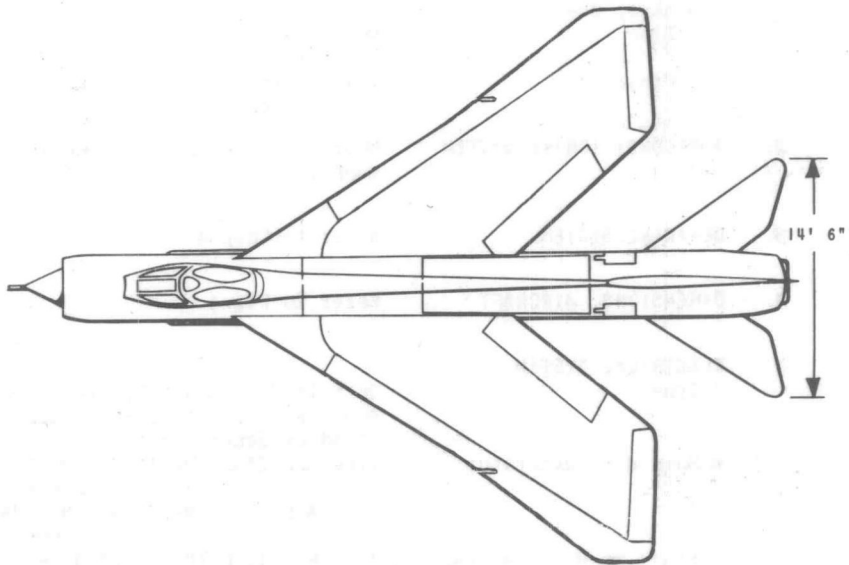
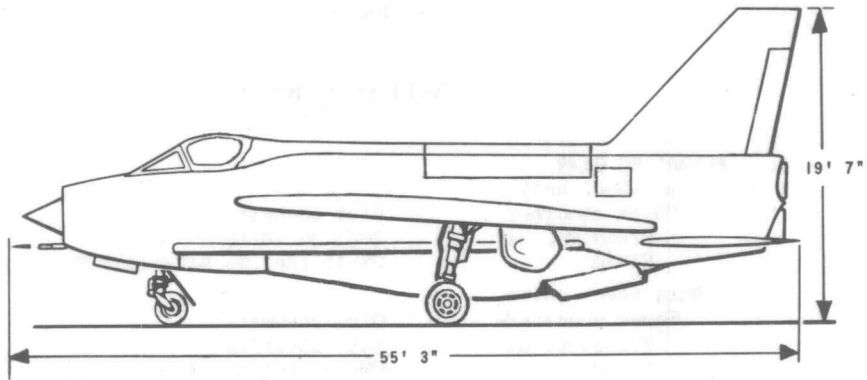


Fig.1. Aircraft dimensions

RESTRICTED

