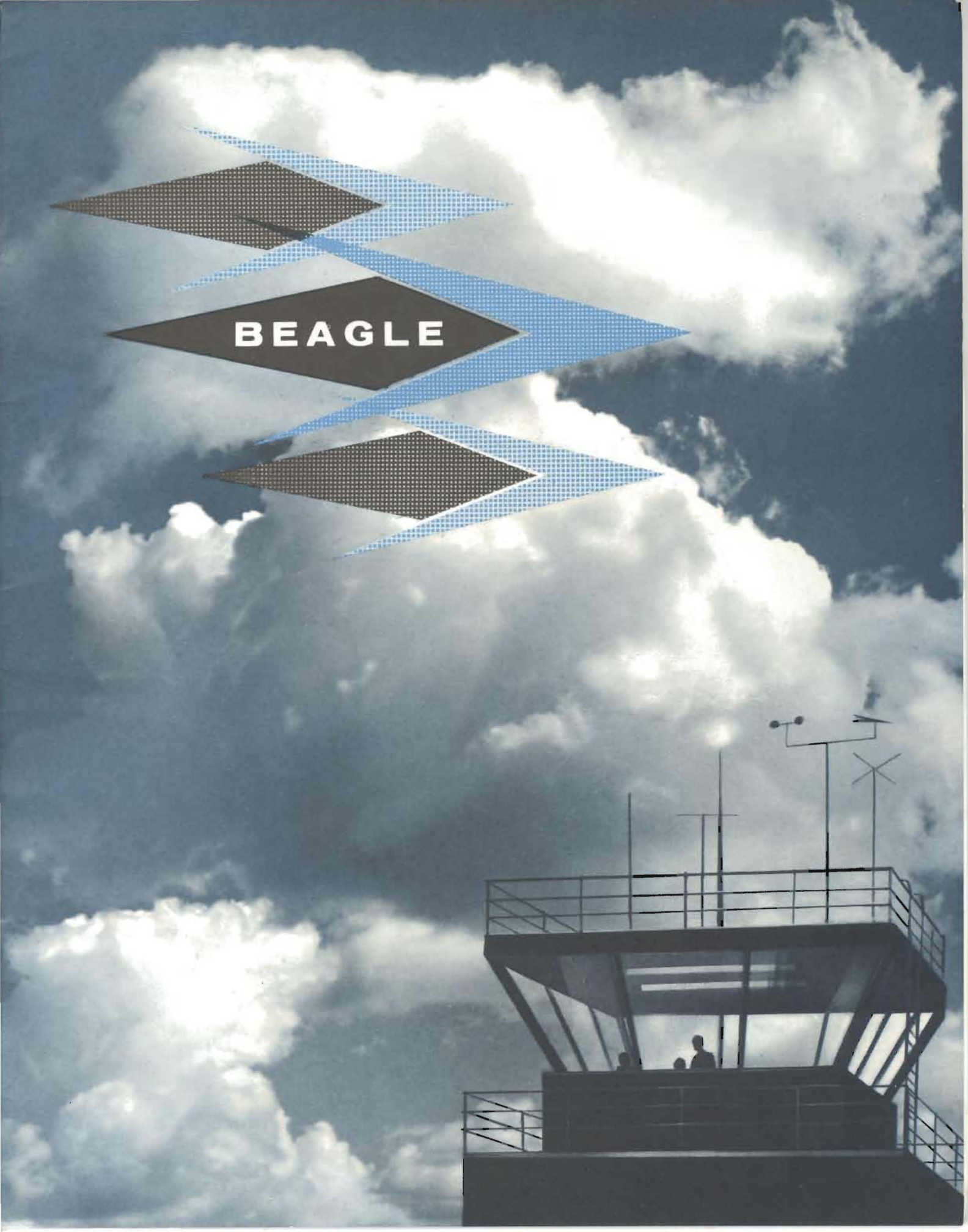
BEAGLE

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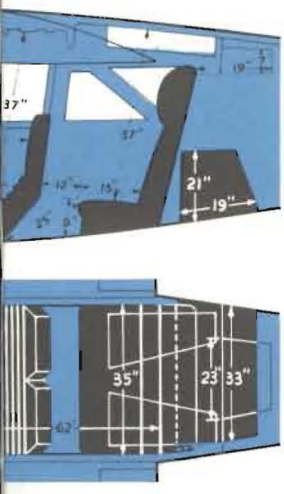

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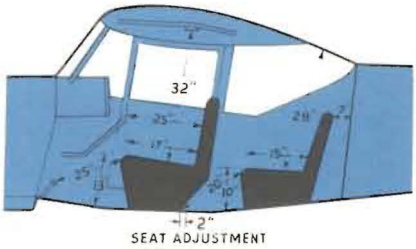
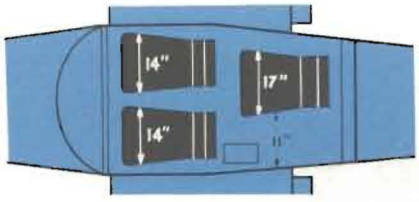
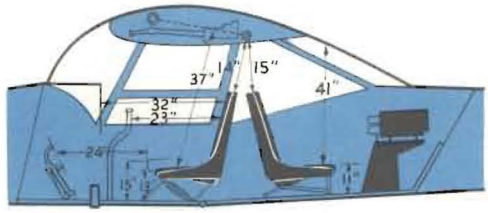
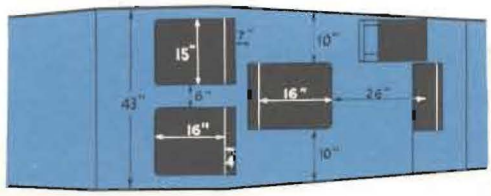


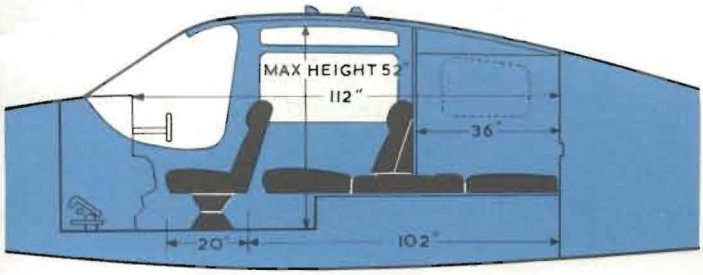


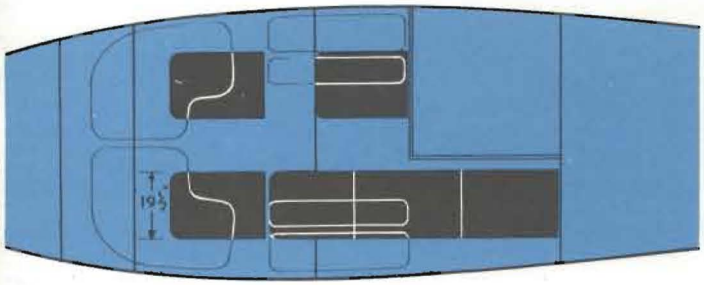
Mark Eleven



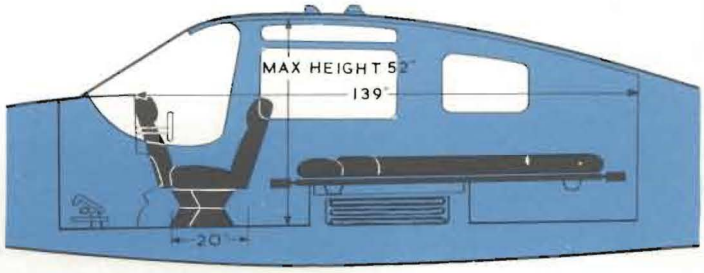


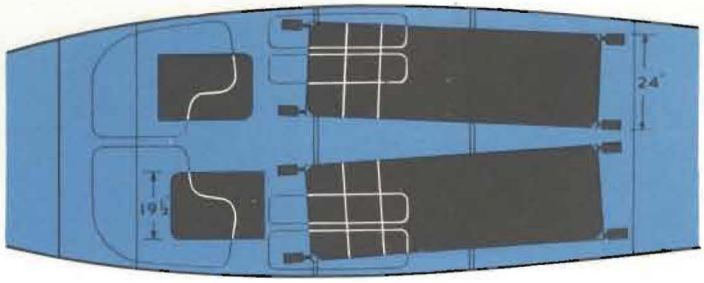
B 206 Couchette version.





B 206 Ambulance or "Flying Doctor" version.

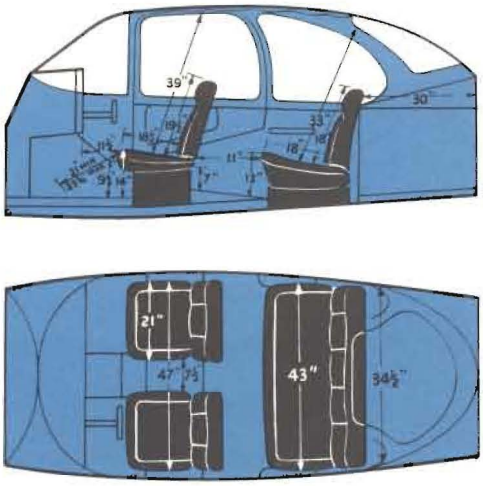




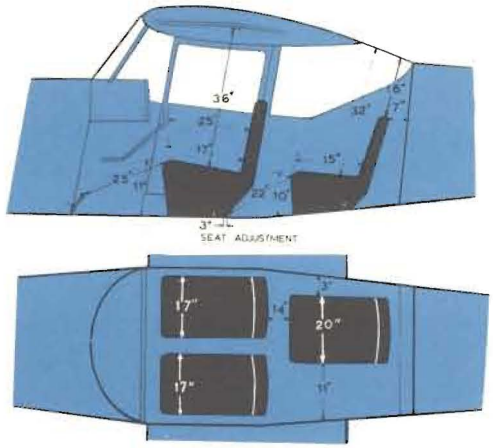
IRPORT . SHOREHAM-BY-SEA . SUSSEX . ENGLAND
CODROME . REARSBY . LEICESTERSHIRE . ENGLAND

Seating Arrangements Standard plans shown. Alterna

M 218



D5/180



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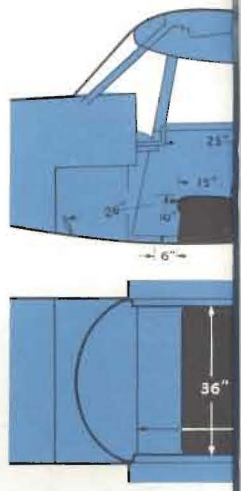
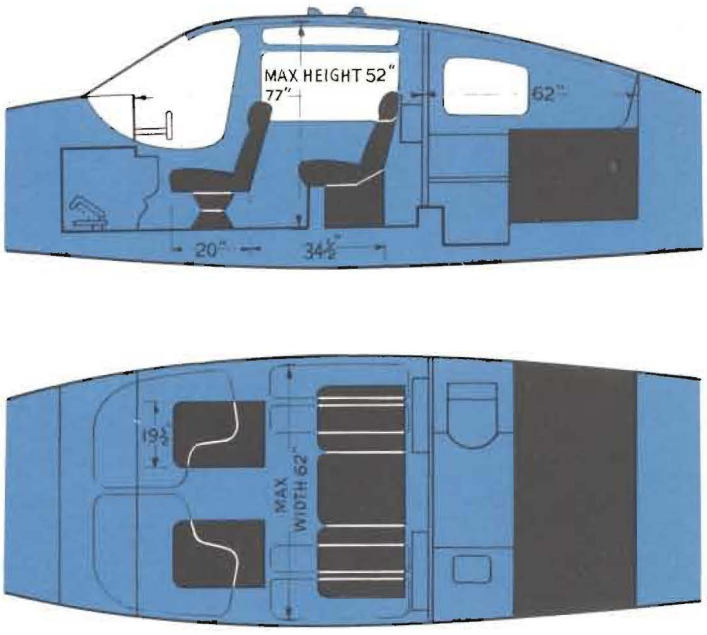
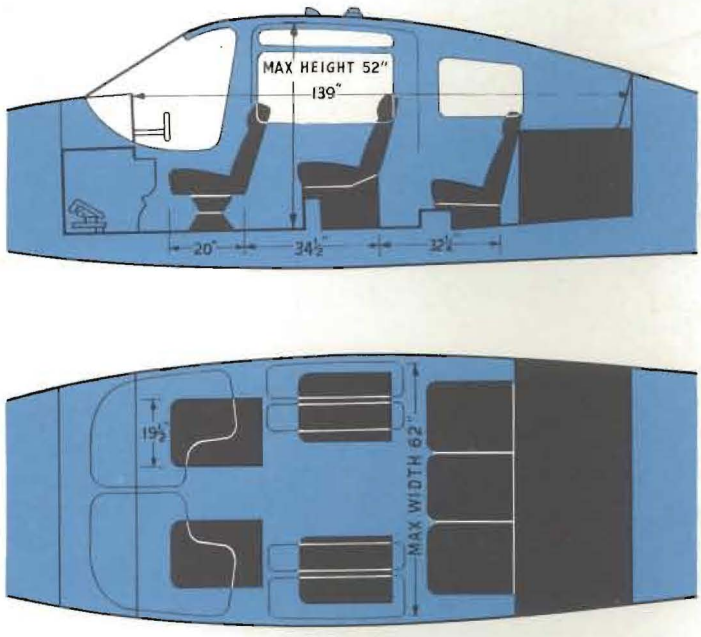


B 206 Five seat version.

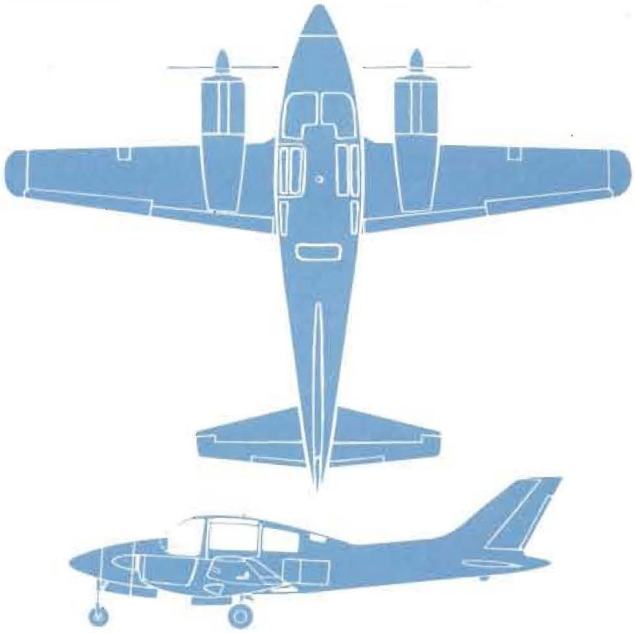


B 206 Seven seat version.



BEAGLE AIRCRAFT LIMITED

Enquiries to:- SHOREHAM A
REARSBY AE



B 206

Power Plant: Two Rolls-Royce Continental G10-470-A of 310 b.h.p. (314 c.v.).
Propellers: McCauley two-blade, constant-speed, fully feathering, 7 ft. 6 in. (2.29 m.) dia.

Leading Particulars

Span	45 ft. 9 in.	13.96 m.
Length	33 ft. 9 in.	10.29 m.
Height	11 ft. 3 in.	3.43 m.
Wing area	214 sq. ft.	19.88 sq. m.
Aspect ratio	10	
Maximum gross weight	7125 lb.	3232 kg.
Empty weight	4380 lb.	1987 kg.
Disposable load	2745 lb.	1245 kg.
Baggage volume	21 cu. ft.	0.6 cu. m.
Fuel capacity	195 Imp. galls.	886 litres

Performance

Maximum level speed—S.L.	225 m.p.h.	362 km./hr.
Maximum continuous cruise speed 10,000 ft.—T.A.S.	210 m.p.h.	338 km./hr.
Stalling speed, flaps down E.A.S.	76 m.p.h.	122 km./hr.
Initial rate of climb	1500 ft./min.	7.62 m./sec.
Service ceiling	20,400 ft.	6210 m.
Single engine rate of climb at S.L.	365 ft./min.	1.85 m./sec.
Single engine ceiling	10,000 ft.	3048 m.
Take off distance to clear 50 ft. (15.2 m.)	1460 ft.	445 m.
Landing distance from 50 ft.	1600 ft.	488 m.
Ground roll	930 ft.	283 m.
Still air range with 1910 lb. capacity payload at cruise speed of 168 m.p.h. T.A.S. at 10,000 ft.	990 miles	1590 km.
Still air range with maximum fuel and 1280 lb. payload at 172 m.p.h. T.A.S. at 10,000 ft.	1890 miles	3040 km.

Airedale

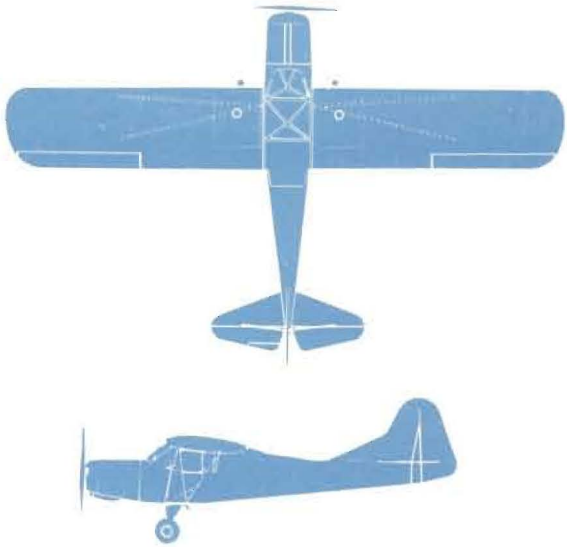
Power Plant: Lycoming 0-360-A1A, air-cooled, flat-four, 180 b.h.p. (182.5 c.v.).
Propeller: McCauley Met-L-Matic two-blade constant-speed 74 in. (1.88 metres) dia.

Leading Particulars

Span	36 ft. 4 in.	11.07 m.
Length	26 ft. 4 in.	8.03 m.
Height	10 ft. 0 in.	3.05 m.
Wing area	190 sq. ft.	17.65 sq. m.
Gross weight	2,750 lb.	1,247 kg.
Basic equipped weight, less fuel and oil	1,700 lb.	765 kg.
Disposable load	1,050 lb.	473 kg.
Baggage compartment volume	5 cu. ft.	0.14 cu. m.

Performance at 2,750 lb. (1,247 kg.)

Maximum level speed, sea level T.A.S.	141 m.p.h.	227 km./hr.
Maximum continuous cruise 6,000 ft. (1,830 m.) T.A.S.	133 m.p.h.	214 km./hr.
Max. economy weak mixture cruise, 7,000 ft. (2,130 m.) T.A.S.	130 m.p.h.	209 km./hr.
Stalling speed, flaps down I.A.S.	43 m.p.h.	69 km./hr.
Initial rate of climb	650 ft./min.	3.30 m./sec.
Service ceiling	12,000 ft.	3,660 m.
Take-off distance to unstick, no wind, runway	940 ft.	287 m.
Take-off distance to clear 50 ft. (15.24 m.), no wind, runway	1,870 ft.	570 m.
Landing distance from 50 ft. (15.24 m.) to rest, no wind, runway	1,410 ft.	430 m.
Maximum range with 700 lb. (318 kg.) payload plus 30 galls. (136 litres) fuel	560 st. miles	990 km.
Maximum range with 540 lb. (245 kg.) payload plus 50 galls. (227 litres) fuel and at W.M. economy cruise at 131 m.p.h. (211 km./hr.) T.A.S. at 7,000 ft. (2,130 m.), no reserves	940 st. miles	1,510 km.



D5/180

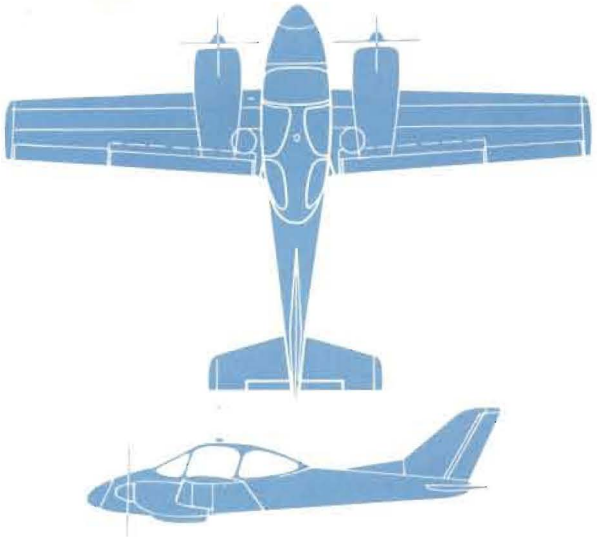
Power Plant: Lycoming 0-360-A2A.
Propeller: McCauley 1A/200/FA/8243 high-thrust, metal, fixed-pitch.

Leading Particulars

Wing span	36 ft. 0 in.	10.97 m.
Length overall	23 ft. 4½ in.	7.12 m.
Horizontal tail span	10 ft. 0 in.	3.05 m.
Height overall (tail down)	8 ft. 4 in.	2.54 m.
Track	6 ft. 0 in.	1.83 m.

Performance at 2,400 lb. (1,090 kg.) (max. all-up-weight)

Maximum speed, sea level I.A.S.	125 m.p.h.	201 km./hr.
Maximum cruise I.A.S.	109 m.p.h.	175 km./hr.
Stalling speed, flaps down I.A.S.	35 m.p.h.	56 km./hr.
Stalling speed, flaps up I.A.S.	44 m.p.h.	71 km./hr.
Initial rate of climb	800 ft./min.	4.06 m./sec.
Service ceiling	14,500 ft.	4420 m.
Absolute ceiling	17,000 ft.	5190 m.
Take-off ground run	498 ft.	152 m.
Take-off distance to clear 50 ft.	1095 ft.	334 m.
Landing distance from 50 ft.	1380 ft.	421 m.
Landing ground roll	380 ft.	146 m.
Range (still air), normal cruise, no reserve	582 st. miles	937 km.

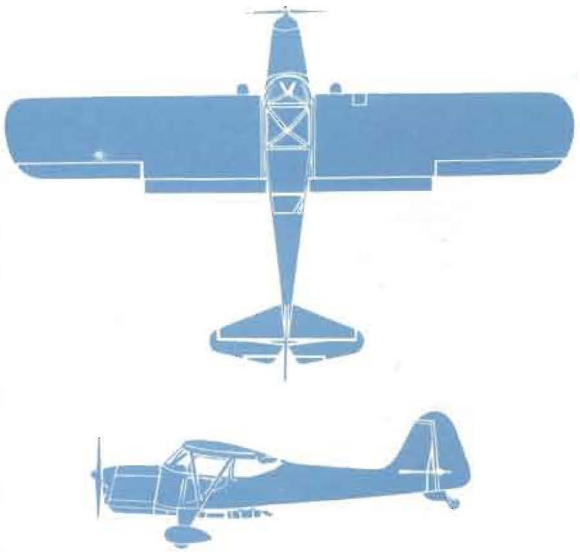


M 218

Power Plant: Two Rolls-Royce/Continental 0-300 (Spec 8) of 145 b.h.p. (147 c.v.).
Propellers: Hartzell HC-C2YF—2/7663-4, fully feathering, constant-speed.

Leading Particulars

Span	37 ft.	11.3 m.
Length	25 ft. 4 in.	7.72 m.
Height	8 ft. 6 in.	2.59 m.
Wing area	170 sq. ft.	15.8 sq. m.
Gross weight	3,200 lb.	1,452 kg.
Basic equipped weight, less fuel	2,164 lb.	982 kg.
Disposable load	1,036 lb.	470 kg.
Fuel capacity	38 galls.	173 litres
Baggage compartment volume	15 cu. ft.	0.42 cu. m.
Performance at gross weight 3,200 lb. (1,452 kg.)		
Maximum level speed at S.L., T.A.S.	185 m.p.h.	298 km./hr.
Maximum recommended cruise at 5,100 ft.	175 m.p.h.	282 km./hr.
Stalling speed, flaps down	58 m.p.h.	93 km./hr.
Initial rate of climb	1,370 ft./min.	6.96 m./sec.
Service ceiling	21,700 ft.	6610 m.
Take-off distance to clear 50 ft.	1,470 ft.	448 m.
Landing distance from 50 ft. to rest	1,485 ft.	453 m.
Range with 700 lb. payload and 38 galls. fuel at mean cruise of 154 m.p.h., 10,000 ft.	578 st. miles	925 km.
Maximum range with 500 lb. payload and 70 galls. fuel at mean cruise, 10,000 ft.	1,000 st. miles	1,609 km.
Single engine initial rate of climb	350 ft./min.	1.77 m./sec.
Single engine absolute ceiling	10,000 ft.	3045 m.



Terrier 2

Power Plant: De Havilland Gipsy Major 10 of 145 b.h.p. (147 c.v.).
Propeller: Airscrew and Jicwood wooden two-blade fixed pitch of 82 in. (2.1 metres) dia. (Type No. Z8010/5/C).

Leading Particulars

Span	36 ft. 0 in.	11.00 m.
Length	23 ft. 3 in.	7.09 m.
Height	8 ft. 11 in.	2.72 m
Wing area	184 sq. ft.	17.1 sq. m.
Gross weight	2,400 lb.	1,080 kg.
Fuel capacity	23 Imp. galls.	104.6 litres
Basic equipped weight	1,600 lb.	726 kg.
Disposable load	800 lb.	354 kg.
Performance at 2,350 lb. (1,066 kg.)		
Maximum level speed at S.L., T.A.S.	119 m.p.h.	191 km./hr.
Maximum continuous cruise at 2,500 ft. (762 metres) (2,300 r.p.m.) T.A.S.	107 m.p.h.	172 km./hr.
Stalling speed, flaps down I.A.S.	43 m.p.h.	69 km./hr.
Initial rate of climb	620 ft./min.	189 m./min.
Time to 2,500 ft. (762 metres)	4½ minutes	4½ minutes
Service ceiling	11,450 ft.	3,485 m.
Take-off distance to unstick (still air)	770 ft.	234 m.
Take-off distance to clear 50 ft. (15.24 m.) (still air)	1,440 ft.	439 m.
Landing distance from 50 ft. (15.24 m.) to rest	1,400 ft.	426 m.
Ground roll	450 ft.	137 m.
Maximum range with 545 lb. (248 kg.) payload and 23 galls. (105 litres) fuel at 2,500 ft. (762 m.) (2,200 r.p.m.)	280 st. miles	450 km.

Mark Eleven

Power Plant: Rolls-Royce Continental 10-470-D, 260 b.h.p. (264 c.v.).
Propeller: McCauley 2A/36C1/90N-4, constant-speed, 86 in. diameter (2.18 m.).

Dimensions

Wing Span	36 ft. 4¾ in.	11.09 metres
Length Overall	23 ft. 8½ in.	7.23 metres
Height	7 ft. 6 in.	2.29 metres
Wing area	197.6 sq. ft.	18.35 sq. metres
Maximum weight	2,550 lb.	1157 kg.
Maximum fuel capacity	30 Imp. galls.	136.4 litres
Performance at 2,350 lb. (1066 kg.)		
Take-off distance to 50 ft. (15.24 metres)	666 ft.	203 metres
Maximum level speed	154 m.p.h.	248 km/hr.
Cruise speed	135 m.p.h.	217 km/hr.
Initial rate of climb	1,460 ft/min.	7.32 m/sec.
Landing distance from 50 ft. (15.24 metres)	588 ft.	179 metres
Landing ground run	228 ft.	70 metres
Stalling speed flaps DOWN I.A.S.	46 m.p.h.	74 km/hr.

BEAGLE

The BEAGLE range has been designed to meet the needs of businessmen, private owners and flying clubs. If you fly, there is a BEAGLE for you.

All descriptions and illustrations and also specifications and particulars relating thereto, are subject to variation/ modification and shall not be deemed to form a part of any contract.

Autogyro

Power Plant: Modified McCulloch 4318 A flat-four two-stroke engine of 72 b.h.p. (72 cv.) driving a fixed pitch pusher propeller.

Dimensions

Rotor diameter	20 ft. 2 in.	6.15 metres
Fuselage length	9 ft. 6 in.	2.90 metres
Overall height to top of rotor head	6 ft. 1 in.	1.85 metres
Undercarriage: Track	5 ft. 0 in.	1.52 metres
Wheelbase	2 ft. 6 in.	0.76 metres
Weights: Empty, less optional nacelle	282 lb.	127.8 kg.
Gross	580 lb.	263.1 kg.

B206

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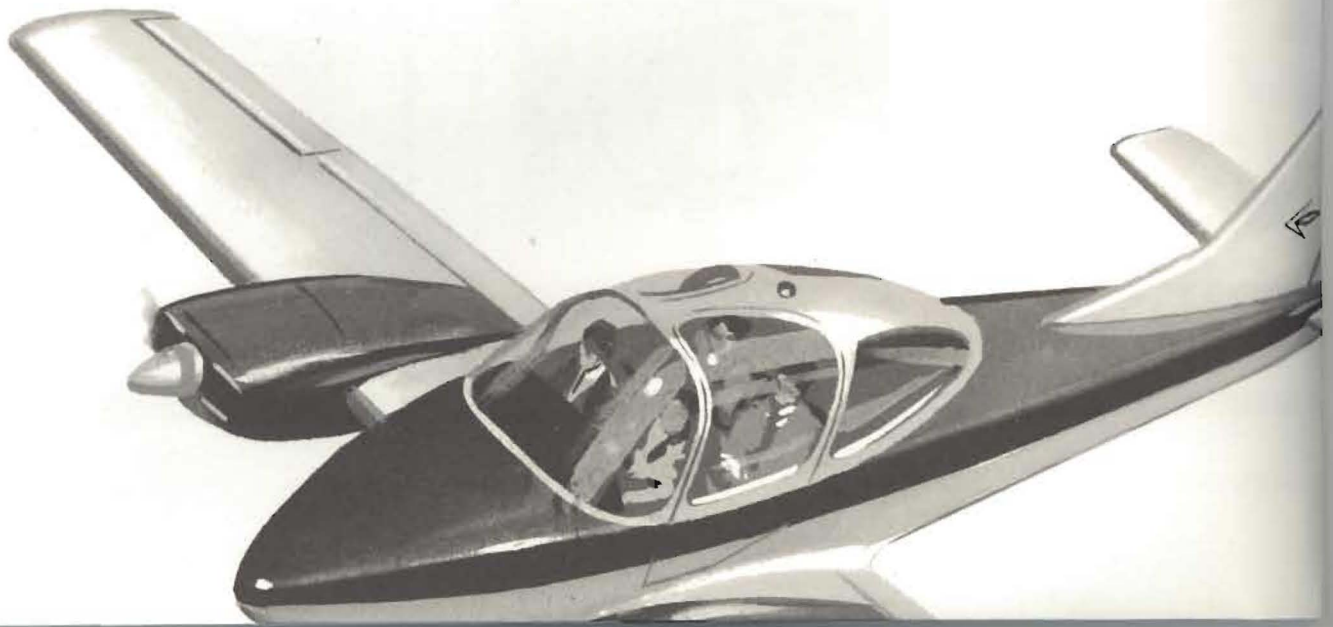
operation will be found.

In the air with BEAG

There is a BEAGLE specifically designed for every field of lig
clubs, companies and the armed services are all BEAGLE cus
designed to fulfil their individual needs. From the specialist
the aircraft range up to the luxurious and fast executive B
design experience has been brought together to produce the
requirement, and throughout the range the intrinsic qualiti
handling characteristics, admirable comfort and economy of



M 218

Airedale

B 206

Designed to satisfy the most critical air traveller the B 206 leaps ahead of comparative present day executive aircraft in both comfort and efficiency.

With 2 × 100 gallon fuel tanks, 21 cubic feet of luggage space and a cabin capable of accommodating seven people in airline comfort, or five people with spacious toilet and washing facilities, this aircraft possesses an unmatched flexibility of range, carrying capacity and short field performance. It is a proud example of all that is best in British craftsmanship and, fittingly, it introduces a new order of capability into executive flying.

M 218

Here is the light twin for which the world has been waiting. Offering twin engine security at a single engine price the M 218 is an ideal all weather business aircraft but is still within the price range of the private owner.

Fully feathering propellers give the aircraft smart single engine climbing ability with a full load on board. The large cabin is furnished and finished to the standards of the world's most expensive cars.

Over land and sea, jungles and mountains, whatever the weather, the M 218 offers security, comfort and speed.

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Autogyro

Terrier 2

180

AGLE D 5/180 is a three (occasional at general purpose light aircraft a considerable load carrying cap- nd excellent short take-off and characteristics.
ingle-engine high wing monoplane xed undercarriage fitted with large tyres to facilitate operation in conditions.
180 features a tubular-steel fuse- l an all-metal wing structure. The e is extremely robust and well for rapid 'on-site' repairs, the h of the structure being in no way d by damage to the fabric covering. range of approved operational ent is available which, when fitted D5/180 allows a variety of alter- duties to be performed of which Towing, Mountain Rescue, Aerial raphy are but a few. Even wider onal scope is permitted by the fitt- oats or skis.

Autogyro

The BEAGLE autogyro is an ultra-light single-seat machine with exceptional handling qualities and a remarkable performance.
Initially produced to fill a military requirement as an AOP/communications machine, the autogyro will also be developed for specialist civil and agricultural uses.

Airedale

The first of the BEAGLES, the Air a sleek four-seat single-engine exe touring aircraft offering high stan reliability, performance and econ delight to fly for professional or b alike, and with its well-furnishe cabin, the Airedale is both an business vehicle and a splendid aircraft.

D5/180

Mark Eleven

Terrier 2

The Terrier has been produced to meet the long standing requirement for a low-cost training/touring aircraft for club and private use.
Robust and dependable, the Terrier is fitted with dual controls and is also most suitable as a glider/banner tug.

Mark Eleven

The Mark Eleven is a military aircraft designed primarily for AOP/liaison use. Due to its STOL ability—in all climates—and its wide speed range it can also fulfil a variety of other military needs.