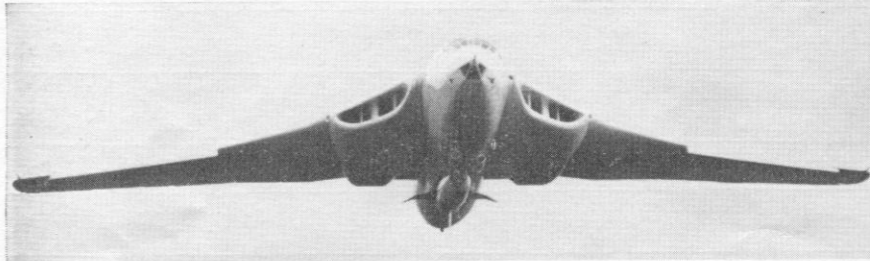


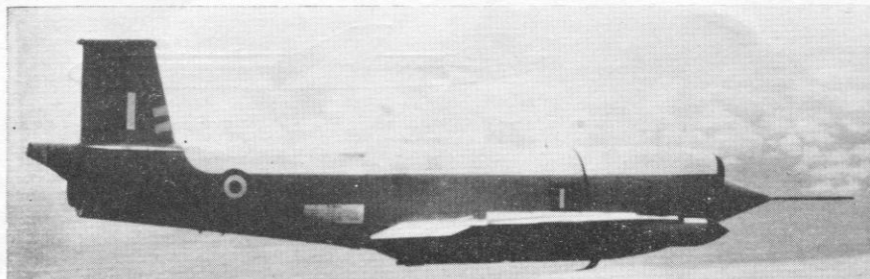
World Air News

★ Invitations asking for formal bids on a VTOL/STOL close-support fighter and for a V/STOL transport aircraft, have been sent to selected aircraft contractors by the North Atlantic Treaty Organisation. Deadline for the transport aircraft bid is the

middle of next month and for the close-support fighter 31st December. A number of American aircraft companies as well as European companies, have been invited to submit proposals.



The Avro Blue Steel guided bomb can be carried by the Vulcan and Victor "V" bombers. It is seen here fitted to the Victor B.2.



The first Jindivik Mk. 102B pilotless target drone to be modified and assembled in this country by Fairey Engineering Ltd., flew for the first time on 19th July.



The A.W.660 Argosy and Short Belfast transports will be equipped with the Flight Refuelling probe-and-drogue system, and these artist's impressions show where the probes will be fitted.

First Flights

JULY 20

Fiat G.91 (1st licence-produced in W. Germany) (West Germany)

AUGUST 10

Lockheed F-104G Super Starfighter (1st European-built) (West Germany)

AUGUST 15

Beagle B.206 (United Kingdom)

AUGUST 16

Bell YHU-1D (U.S.A.)

AUGUST 17

Handley Page H.P.115 (United Kingdom)

AUGUST 18

Beagle-Auster A.O.P. Mk. 11 (R/R Continental engine) (United Kingdom)

AUGUST 18

Beagle Airedale (R/R Continental engine) (United Kingdom)

AUGUST 25

Lockheed C-130E (U.S.A.)

AUGUST 26

Morane-Saulnier 880 Rally-Club (1st production) (France)

Canada

★ Floatplane version of the Found Brothers FBA-2 light aircraft made its first flight in August. This all-metal, four/five-seater, powered by a single 250-h.p. Lycoming engine, will be available with a tricycle undercarriage (the 2B) or with the normal tailwheel undercarriage (the 2C). Both configurations can, according to the company, be mounted on floats.

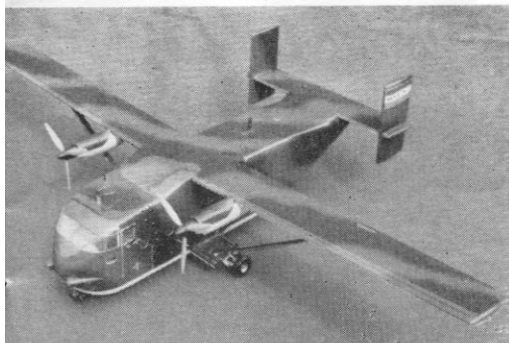
Finland

★ Prototype of a new standard-class sailplane is now flying. It is designated the PIK-16 Vasama (Arrow) and was built at the Jami Gliding School. Work on a second prototype is expected to begin this month.

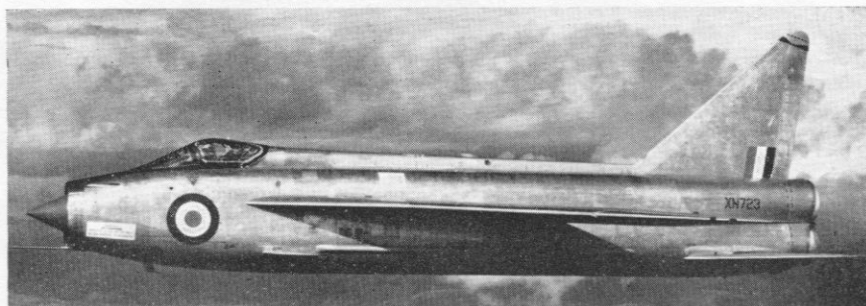
France

★ Trans World Airlines of America has placed an order with Sud Aviation for twenty Caravelle twin-jet airliners. The order includes an option for fifteen additional aircraft. Known as the New





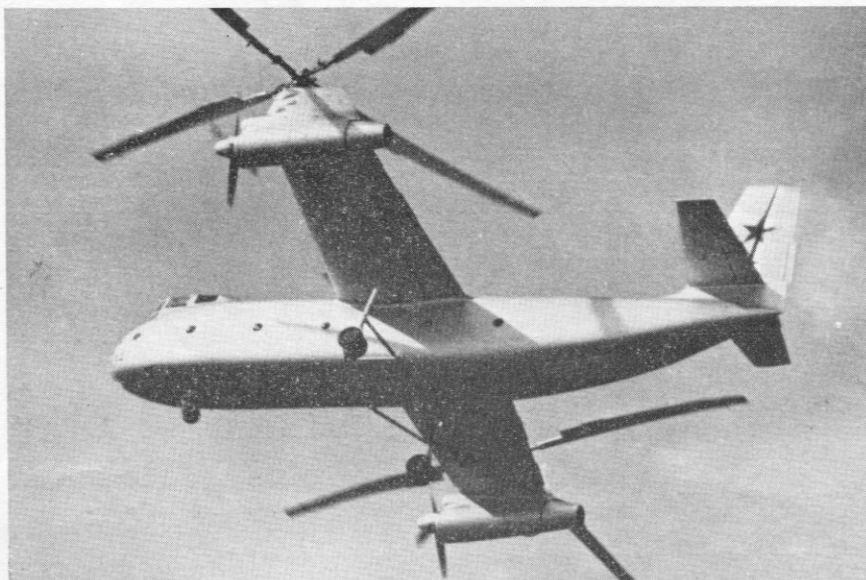
The Short Skyvan II, powered by Astazou turboprop engines, is a direct development of the Skyvan Mk. I.



The Lightning Mk. II is equipped with more advanced electronics than the Mk. I, and it will follow the earlier model into service with Fighter Command.



Two new Pipers for 1962 are the (TOP) Comanche 180 and (BELOW) the Colt. Both are basically similar to last year's models with many internal improvements.



The Kamov convertiplane, seen at the Tushino Air Display, is powered by two Ivchenko turboprop engines and is designed as an assault troop transport.



Caravelle, the airliners will be powered by two General Electric CJ 805-23C aft fan-jet engines, and the first will join the T.W.A. fleet in January 1963. Delivery of the order is scheduled to be completed by July.

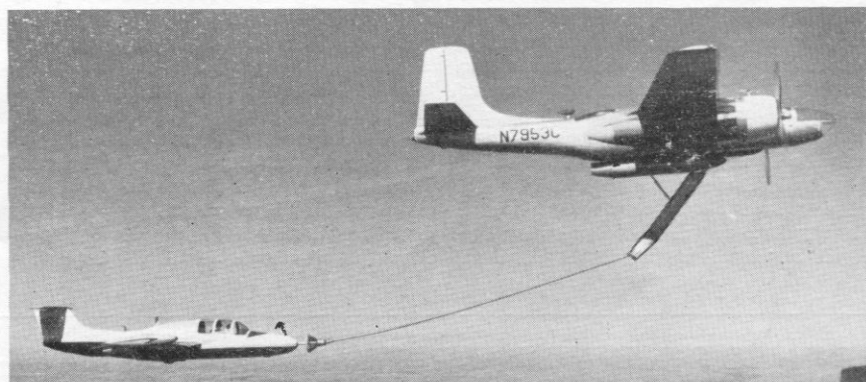
★ The first Sud Aviation Alouette III of a number ordered for Burma made its first flight in July. Deliveries of the helicopter to Burma have begun.

India

★ According to various newspaper reports Indian scientists have completed a number of successful experiments with Indian-developed air-to-air guided missiles.

Japan

★ Final assembly of the prototype Nihon YS-11 turboprop transport is now well under way and will be completed in December. First flight is scheduled for February 1962. The Nihon Company



A new Beech-designed and built air refuelling system has passed initial evaluation studies by the U.S. Navy. Extension of the system is through electrical release of the drogue which pulls out a 40-ft. length of flexible hose. This in turn forces out the boom.

expects to have four pre-production models completed by summer next year.

Netherlands

★ The new Fokker jet transport announced in this column last month is said to be designated the Fokker F-28. It will, according to reports, seat forty-five passengers and

be powered by two turbo-jets mounted one each side of the rear fuselage. The wing resembles that of the F-27 but the tailplane will be positioned on top of the fin.

★ In order to meet their commitments for F-104 and Atlantic production, Fokker have sub-contracted a large part of the Friendship production to the Breguet Company. Breguet will take over the

manufacture and assembly of fuselage parts, flaps and ailerons.

New Zealand

★ The Royal New Zealand Air Force has ordered the Microcell glass fibre rocket launcher for its English Electric B(1)12 Canberra bombers. The Canberras will be equipped with two 37-tube launchers, each pylon-mounted under the wings.

Pakistan

★ The Pakistan Air Force may receive a number of Lockheed F-104 Starfighters and ground-to-air missiles. During his visit to Washington in July, President Ayub of Pakistan obtained a promise for this equipment.

Sweden

★ The Piper Colt two-seat light aircraft has been selected as the standard aero club trainer in Sweden, and an initial order for thirty aircraft has been placed. First deliveries started last month.

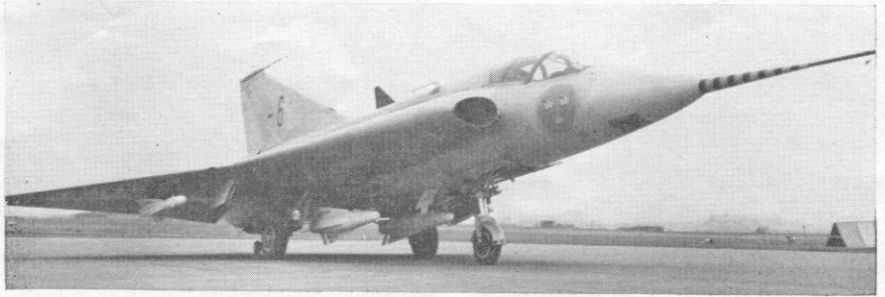
United Kingdom

★ The Beagle group have developed a single-seat autogyro designated the Beagle-Wallis WA.116 in conjunction with W/Cdr. K. H. Wallis of the R.A.F. The autogyro is powered by a 65-h.p. McCulloch piston engine which drives a two-bladed propeller. Rotor diameter is 20 ft. 0 in., length 9 ft. 6 in., gross weight 580 lb.

★ Latest Fairey Gannet designation is the AS.7, which is an AS.4 airframe re-equipped with modified electric gear.

★ British United Airways has been awarded an Admiralty contract for the basic helicopter training of twenty-four Royal Navy and Royal Marine helicopter pilots for the second commando carrier H.M.S. *Albion*. The company will run six courses of four over a period of forty-three weeks at Redhill aerodrome, using Hiller and Whirlwind helicopters.

★ An order for a substantial number of Wasp turbine-engined helicopters for the Royal Navy has been placed with Westland



The Saab J35F is the latest version of the Draken. It is armed with four Hughes Falcon air-to-air missiles.

Aircraft Ltd. They will be used for anti-submarine duties. The Army version of the helicopter is called the Scout and is already in service.

★ United Airlines of America has purchased six more Vickers Viscounts 745s bringing its fleet of Viscounts up to forty seven.

★ The Royal Air Force is seeking Treasury approval to buy the de Havilland D.H.121 Trident for use as a flying class room for navigator training, states a newspaper report.

★ Itavia, Italy's only independent airline, has ordered two Handley Page Herald transports and has taken an option on one more.

★ Five B.A.C. V.C.10s have been ordered for R.A.F. Transport Command. This brings the total of V.C.10 orders to fifty-seven—forty-five for B.O.A.C., three for Ghana Airways and four for British United Airways.

U.S.A

★ Official designations for the Bell Model 206 and Hiller Model 1100 light helicopters are the HO-4 and HO-5 respectively. The Bell and Hiller helicopters were recently selected by the Army as the winners of a competition for a light observation helicopter.

★ Performance and specification figures on the Lockheed 300, the commercial version of the C-141 swept-wing turbopfan-powered transport ordered for MATS, have been sent to airline operators. The first C-141 is expected off the assembly

line in August 1964, followed by five pre-production models in September.

★ Now undergoing test flights is a new version of the Beech KDB-1 Cardinal target drone. It has a 150-h.p. McCulloch engine in place of the original 120-h.p. McCulloch, and the wings have been clipped at the tips greatly reducing the total area.

★ Aero Commander Model 500Bs have been delivered to the Presidents of the Republic of Ivory Coast, Niger, Dahomey and Upper Volta.

★ An Army contract worth nearly \$300,000 has been awarded to Boeing-Vertol for the further development of the Vertol Model 76 tiltwing aircraft.

★ The Hughes Aircraft Model 369 light helicopter has been accepted for the U.S. Army's Light Observation Helicopter programme. Although the Bell and Hiller designs won the preliminary design evaluation phase of the competition, the Army has enough funds to enable the Hughes helicopter to be evaluated.

★ Official name of the Lockheed C-130E long-range version of the Hercules which are on order for March for Military Air Transport, is "Airlifter". It will become operational in March next year.

★ JC-130B Hercules Retriever is the full designation of the Lockheed transport modified specifically for the recovery of American re-entry rocket capsules.

★ Structural modified Lockheed Electras are being returned to airline service and will be able to fly at cruising speeds in excess of 400 m.p.h. Designation of the modified aircraft is the Electra II.

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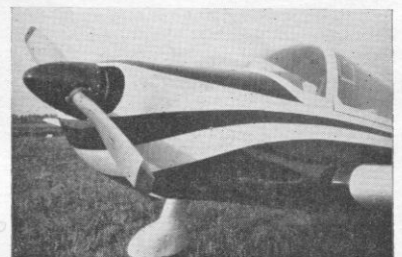


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