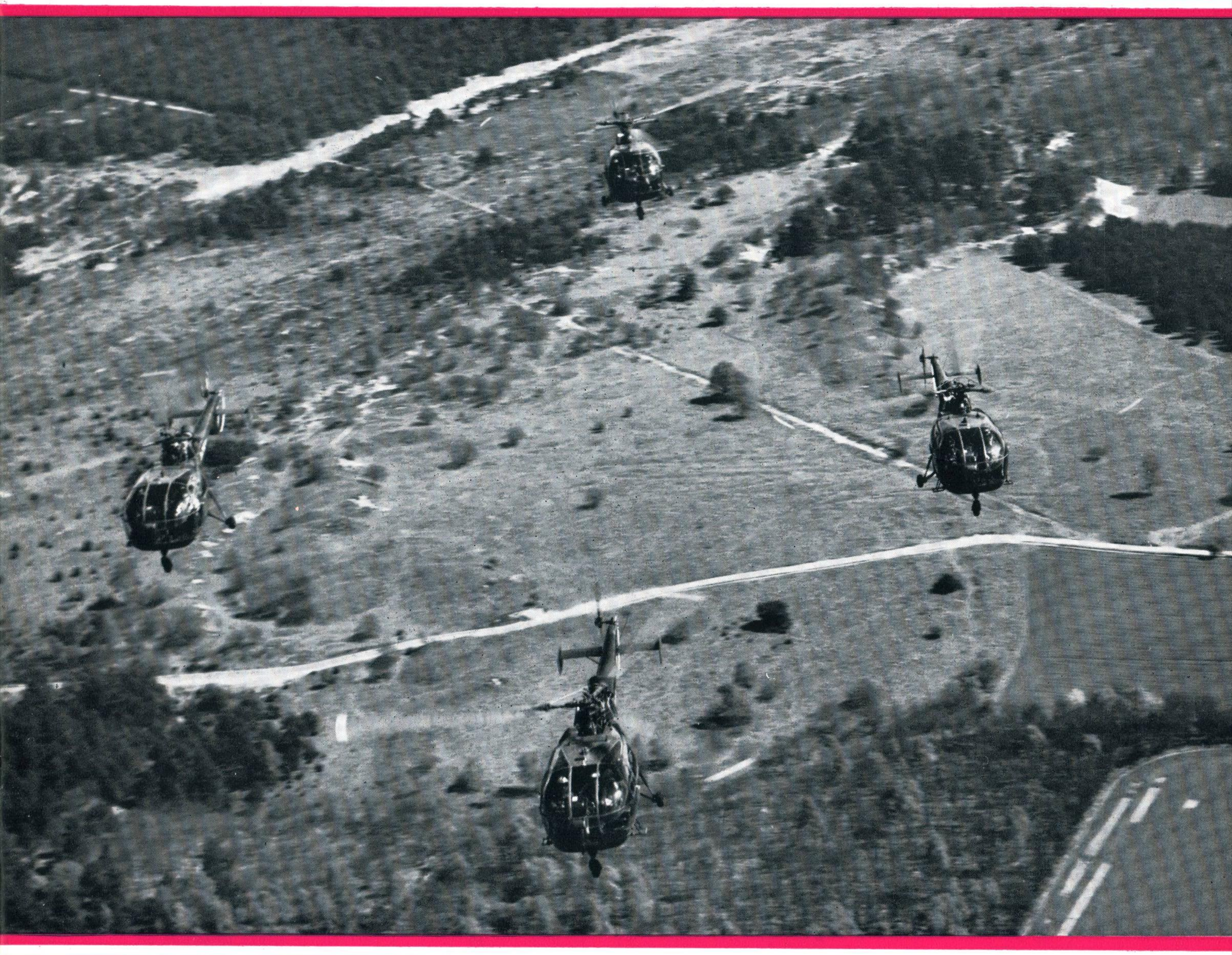
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JOINT SERVICES

RECOGNITION *Journal*

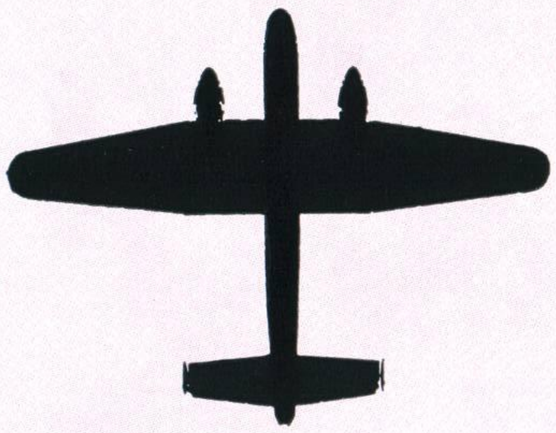


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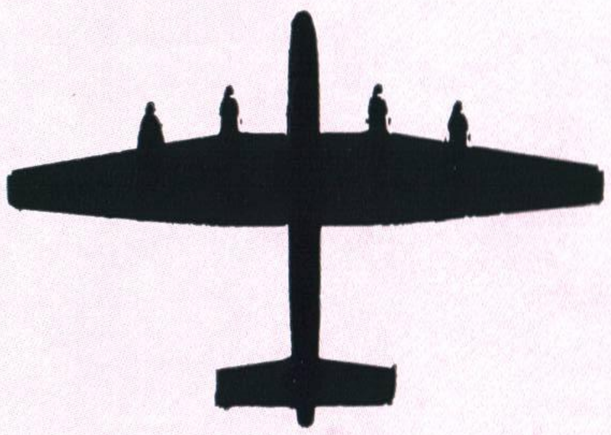
ADDITIONAL COSTS OF MIS-IDENTIFICATION



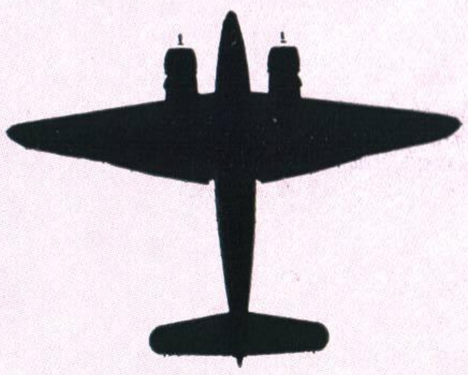
BATTLE L5568 1.8.40
Shot down by fighters.
3 killed



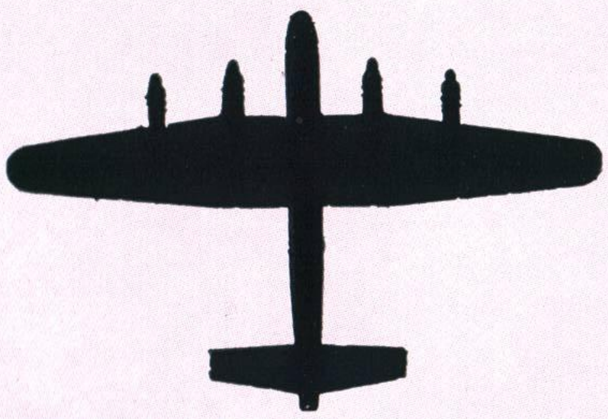
MANCHESTER L7314 22.6.41
Shot down by Beaufighter.
7 killed



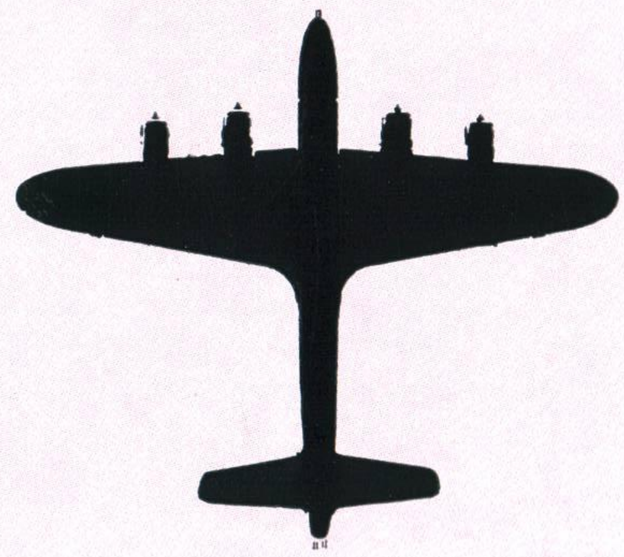
HALIFAX DT742 12.6.43
Shot down at night by convoy escort. 1 killed, 1 injured



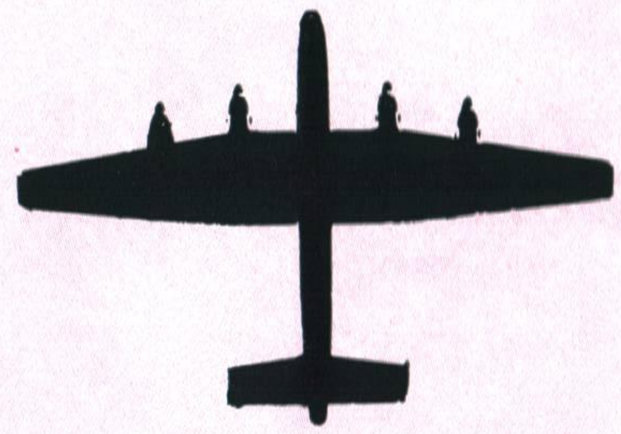
VENTURA FP633 1.4.44
Shot down in Mediterranean by Beaufighter



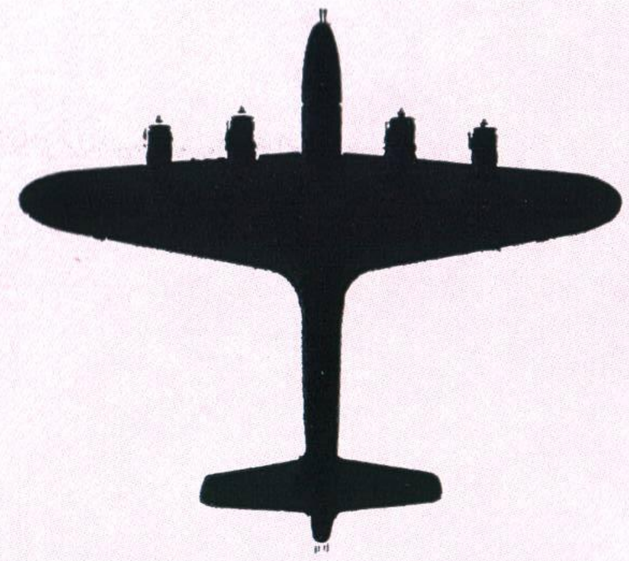
LANCASTER PB200 10.11.44
Brought down by Allied A.A. fire



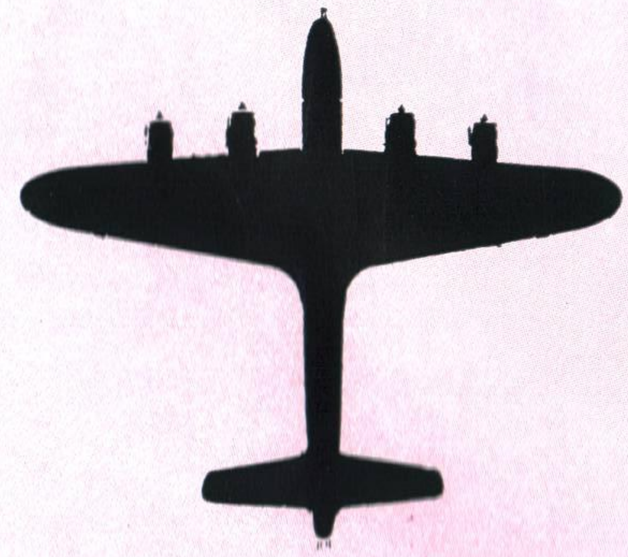
STIRLING LJ617 5.3.45
Shot down by Allied A.A. fire



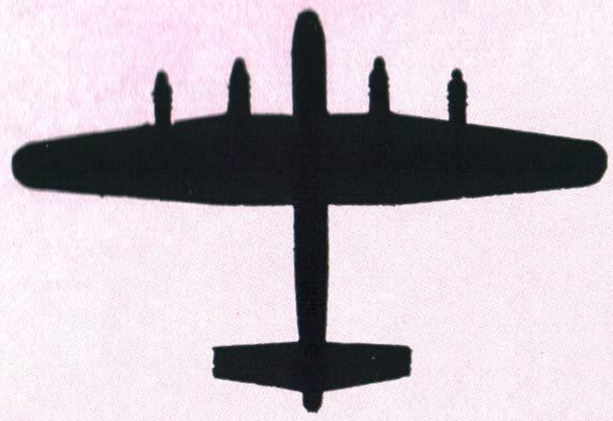
HALIFAX L9498 10.3.41
Shot down by night fighter.
4 killed, 1 injured



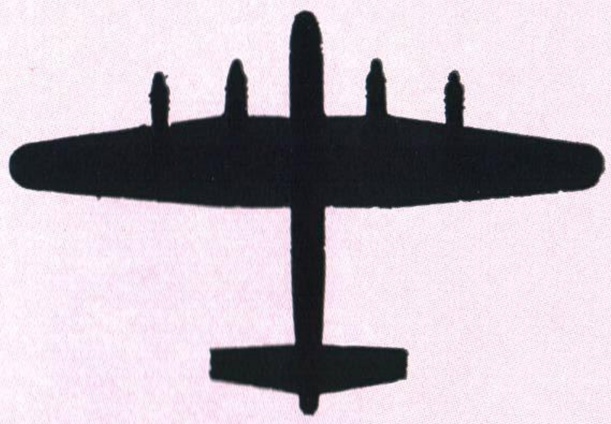
STIRLING R9313 5.5.41
Shot down by British aircraft



STIRLING EF179 7/8.10.43
Shot down while passing over convoy. Ditched and all but one crew member picked up



LANCASTER PB450 10.11.44
Brought down by Allied A.A. fire



LANCASTER NG332 1.1.45
Shot down by Allied A.A. fire

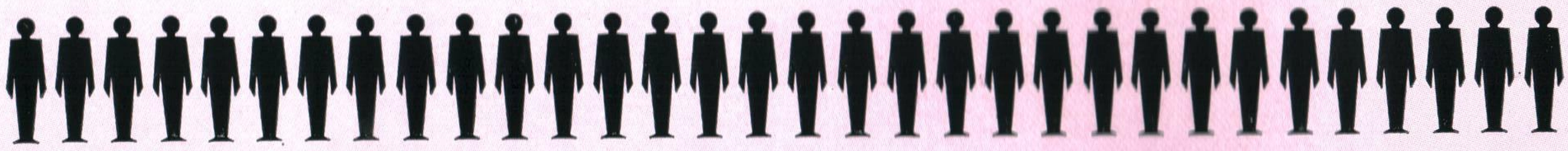


MARAUDER 41-31634 9.8.43
USAAF aircraft shot down by Spitfires

Total number of personnel killed or injured on these types by mis-identification :

32 killed
13 injured





DECEMBER 1966 Vol. 21 No. 12

JOINT SERVICES

RECOGNITION JOURNAL

The *Joint Services Recognition Journal* is a monthly publication produced by the Directorate of Flying Training (R.A.F.), Ministry of Defence, and prepared in collaboration with the Admiralty Board, the Army Department and the Ministry of Aviation (Air Technical Publication). Applications for copies can only be accepted from the Services or other official bodies, and must be submitted through the normal official publications supply channels—**not** to the Editorial Office or direct to the Ministry of Defence.

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* *Identification Lessons*

MIS-IDENTIFICATION MISCELLANY

Over the past two years no less than twelve of our inside front covers have been filled with the silhouettes of aircraft known to have been destroyed by mis-identification. All were types supposedly well-known at the time; this, the thirteenth and final presentation in the series, deals with the remainder of the aircraft types in service and the frequency with which they were mis-identified.

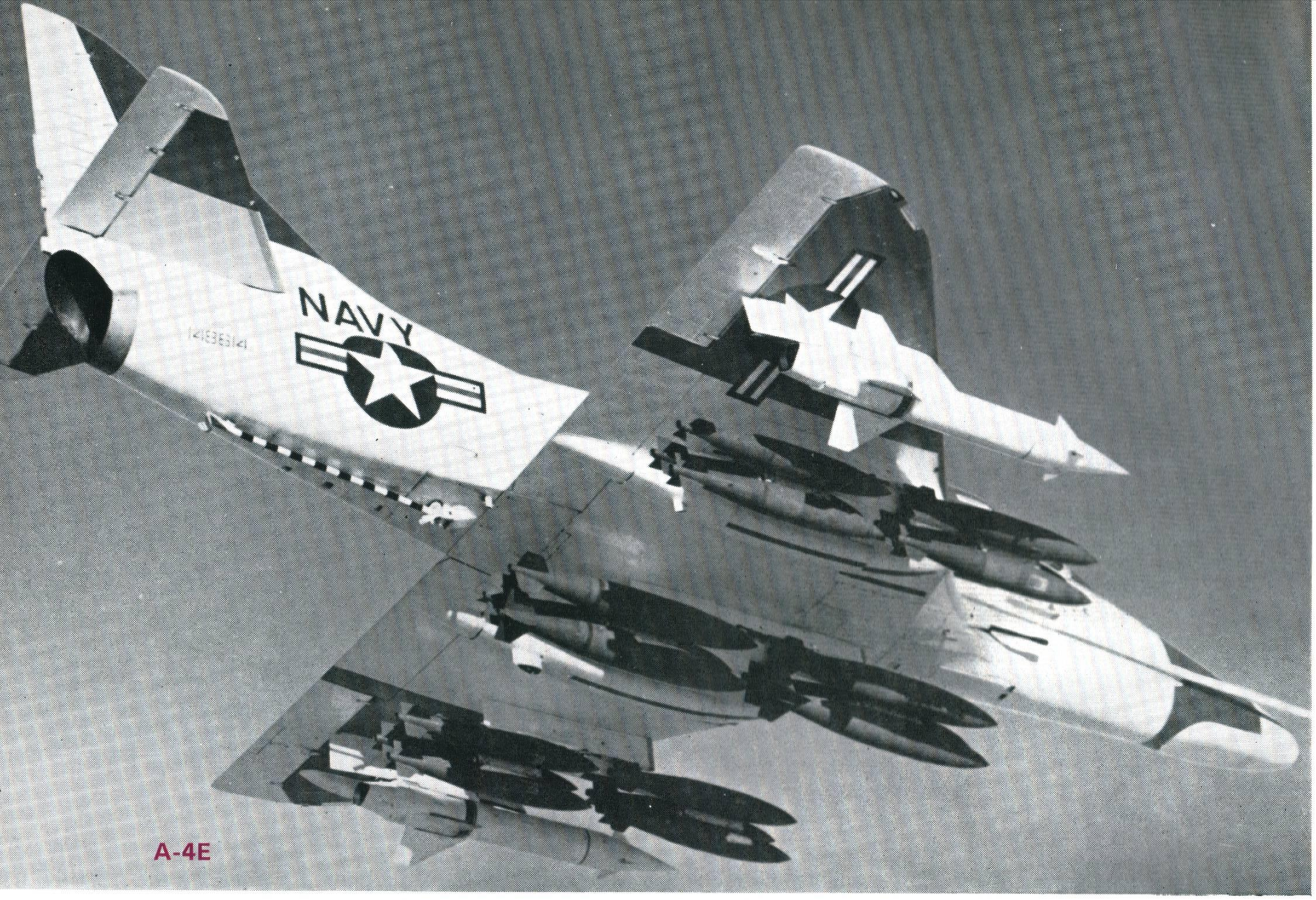
When France fell in the summer of 1940, Britain took over French orders placed in America and so the Martin Maryland came into R.A.F. service. The second one delivered, AR703, was shot at while on handling trials at Boscombe Down; the ninth (AR710) serving in No. 431 Flight was shot at by an airfield's local anti-aircraft defences and AR735 was attacked by Hurricanes when on a mission from Malta.

The Manchester, twin-engined forerunner of the Lancaster, was an unfortunate aircraft in every way and mis-identification added to its tribulations; statistically it can be proved that $1\frac{1}{2}\%$ of all built were, at some stage of their short flying life, either destroyed or damaged by mis-identification. Few aircraft ever received as much publicity as the R.A.F.'s first four-engined bomber, the Stirling; yet, both this bomber and the Manchester were attacked over this country by our own fighters in broad daylight. Publicity and publicity "gimmicks" were not and are not, incidentally, substitutes for correct training in identification.

On the very first occasion in which the Halifax operated, when six attacked Le Havre, one was destroyed by our own night fighters. Time and time again, Lancasters, Halifaxes and Stirlings returned from operations with British bullets embedded in their structures to prove the validity of the number of complaints of our own bomber crews firing upon each other to, from and over their targets.

Apart from the night bomber stream mishaps, the aircraft represented as destroyed opposite and all the incidents recorded in our editorials over the past two years, there are these additional incidents to place on record, to show the importance of correct identity training:

4 Jul 40	Gladiator	N5751	Hit by friendly A.A. fire in Middle East.
15 Aug 40	Anson	R3395	Aircraft used for carriage of VIPs attacked from ground.
23 Dec 40	Harrow	K7009	Aircraft used for squadron moves, damaged by our own A.A. fire.
24 Jan 41	Gladiator	K8008	Shot up by Hurricane.
30 Jan 41	Boston	BJ497	Day bomber hit by our own A.A. defences.
17 Sep 41	Anson	R3335	Shot at by friendly ship, while on coastal patrol escort service.
5 Nov 41	Tomahawk	AK475	Fired on by schooner.
21 Nov 41	Beaufort	AW194	Fired on by friendly trawler slightly damaged.
26 Dec 41	Oxford	V4048	Two crew members injured after flight over our shipping.
2 Feb 42	Halifax	L9623	Fired on by trawlers of own coastal patrol.
25 Jun 42	Stirling	N3759	Crew member of this aircraft injured after attack by a Hurricane.
26 Jun 42	Halifax	R9387	Two crew members injured on conversion flight duty after an attack by friendly aircraft.
14 Sep 42	Walrus	W3024	Crew member injured in this air-sea rescue aircraft, by fire from friendly merchant ship.
22 Oct 42	Anson	DG762	Two crew members injured in this operational training aircraft by A.A. fire from convoy.
5 Jul 43	Bombay	L5845	Ambulance aircraft flying over prohibited zone was mistaken for enemy and damaged by A.A. fire.
2 May 44	Kittyhawk	FX707	5(SAAF) Squadron aircraft attacked by Allied aircraft.
14 Jul 44	Baltimore	FA564	21 Squadron aircraft attacked by friendly fighter.
27 Jul 44	Baltimore	FW428	Damaged by Beaufighter.
11 Sep 44	Walrus	X9529	While taxying on water was fired at by M.T.B. of Royal Navy as suspected E-boat.
3 Jan 45	Meteor	EE234	Damaged by Spitfire pilot who mistook it for a German jet.



A-4E

A-4 SKYHAWK

The importance of the Skyhawk as an attack aircraft of the U.S. Navy and Marine Corps can be realised from the fact that production ran into four figures. This aircraft is still in first-line combat service and has been in operations over Vietnam. It is a relatively small aircraft and thereby, unlike its carrier-borne contemporaries, it dispenses with the need for folding wings. Flight refuelling units are now normally fitted and a wide variety of underwing stores can be carried.

Since this aircraft was last the subject of a *Journal* lesson, in the May 1963 edition, two-seat trainer versions with a nose extended by 28 inches and revised canopies, have been introduced.

For normal reporting purposes, A-4 Skyhawk is sufficient and these target views should be reported as such—or otherwise if jokers. The instructions are on page 328.

Solutions, with full designations where these can be ascertained, are on page 335.

The full list of variants, with their visual differences are as follows :

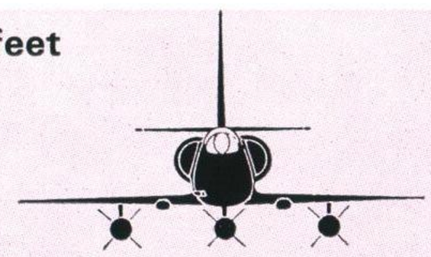
A-4A	Initial production. 165 only.
A-4B	Series production. Differed visually by ribbing on the rudder. Over 500 built.
A-4C	Main production. Additional electronic equipment accommodated in lengthened nose. Over 600 built.
A-4E	Increased weapon-carrying capability. Apart from the carriage of additional external stores, visually as A-4C.
TA-4E	Two-seat trainer version of A-4E. Extended nose.
A-4F	Improved version of A-4E with more powerful engine. Visually as A-4E
TA-4F	Two-seat trainer version of A-4F. Extended nose.

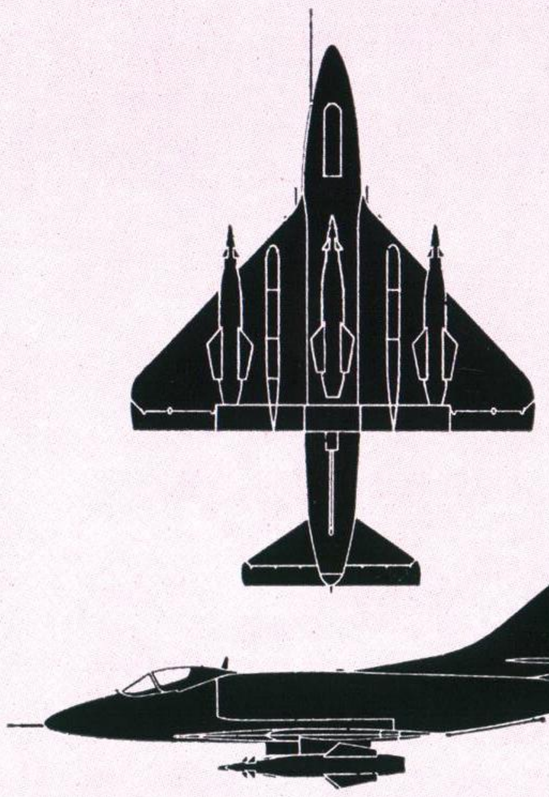
TA-4E



Span 27 feet

A-4E



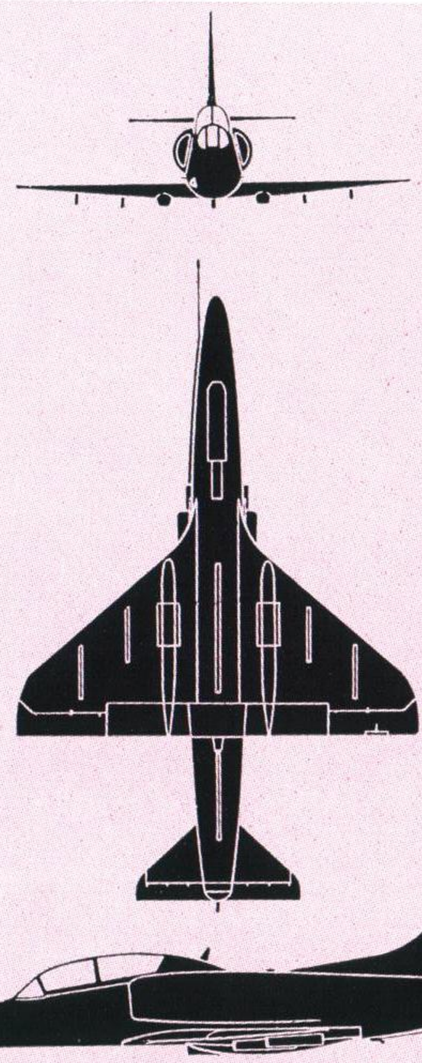








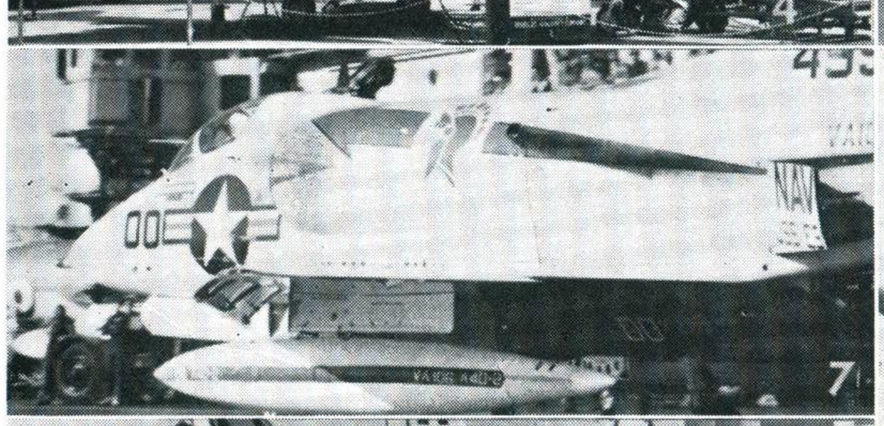
TA-4E























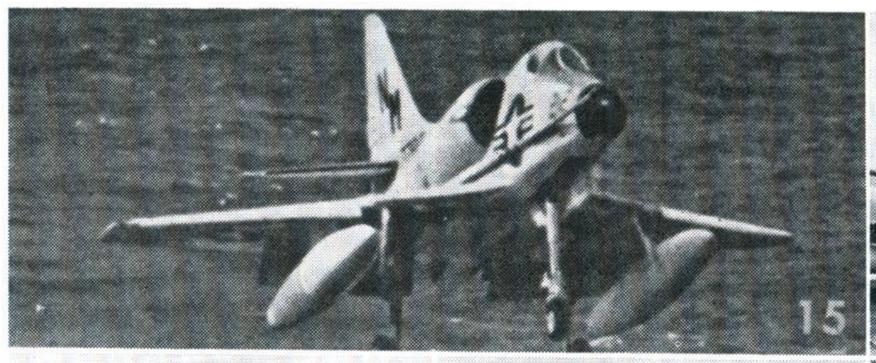


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SKYHAWK continued

TA-4E

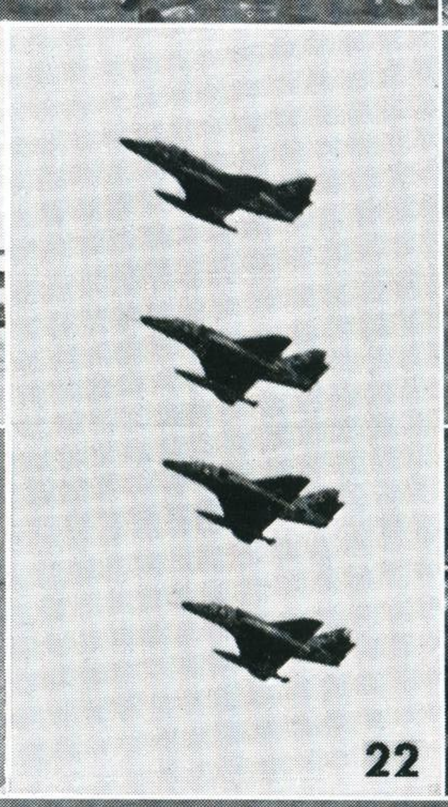


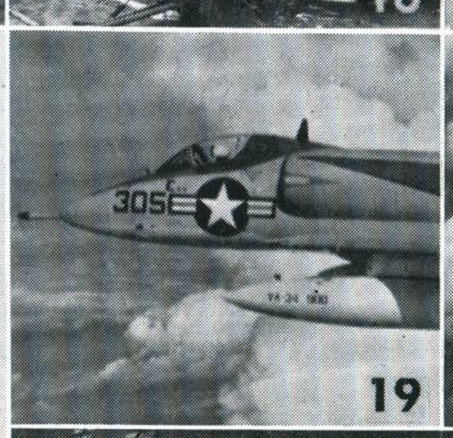




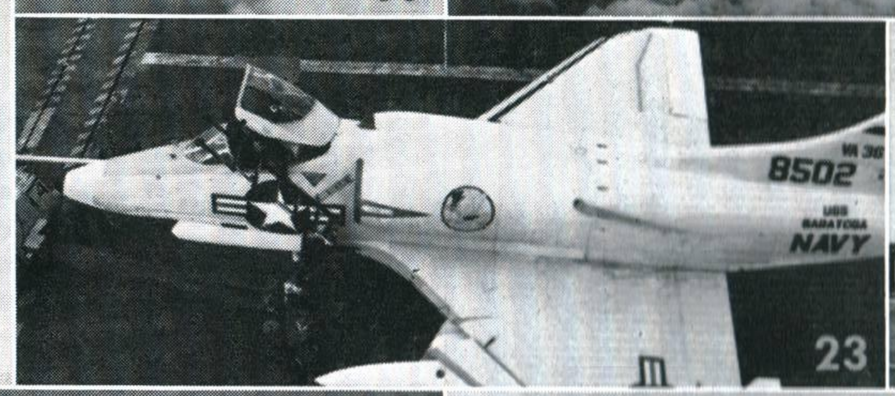






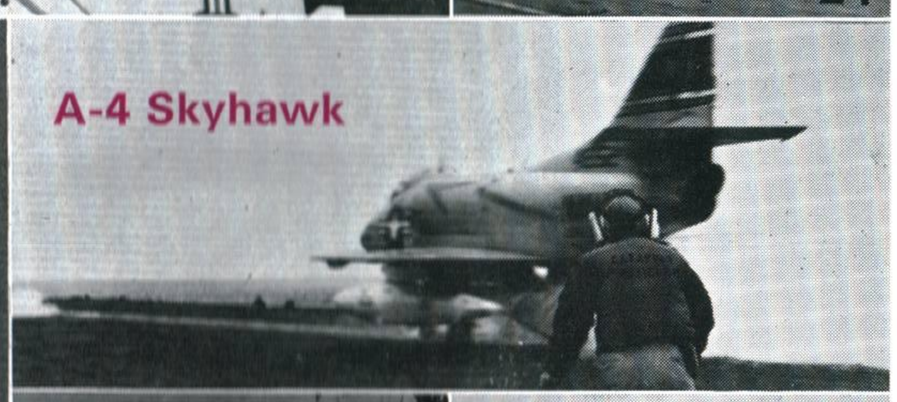


















A-4F



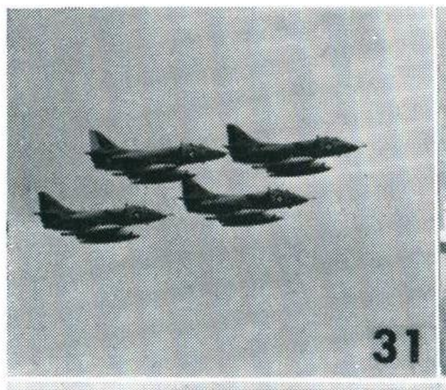
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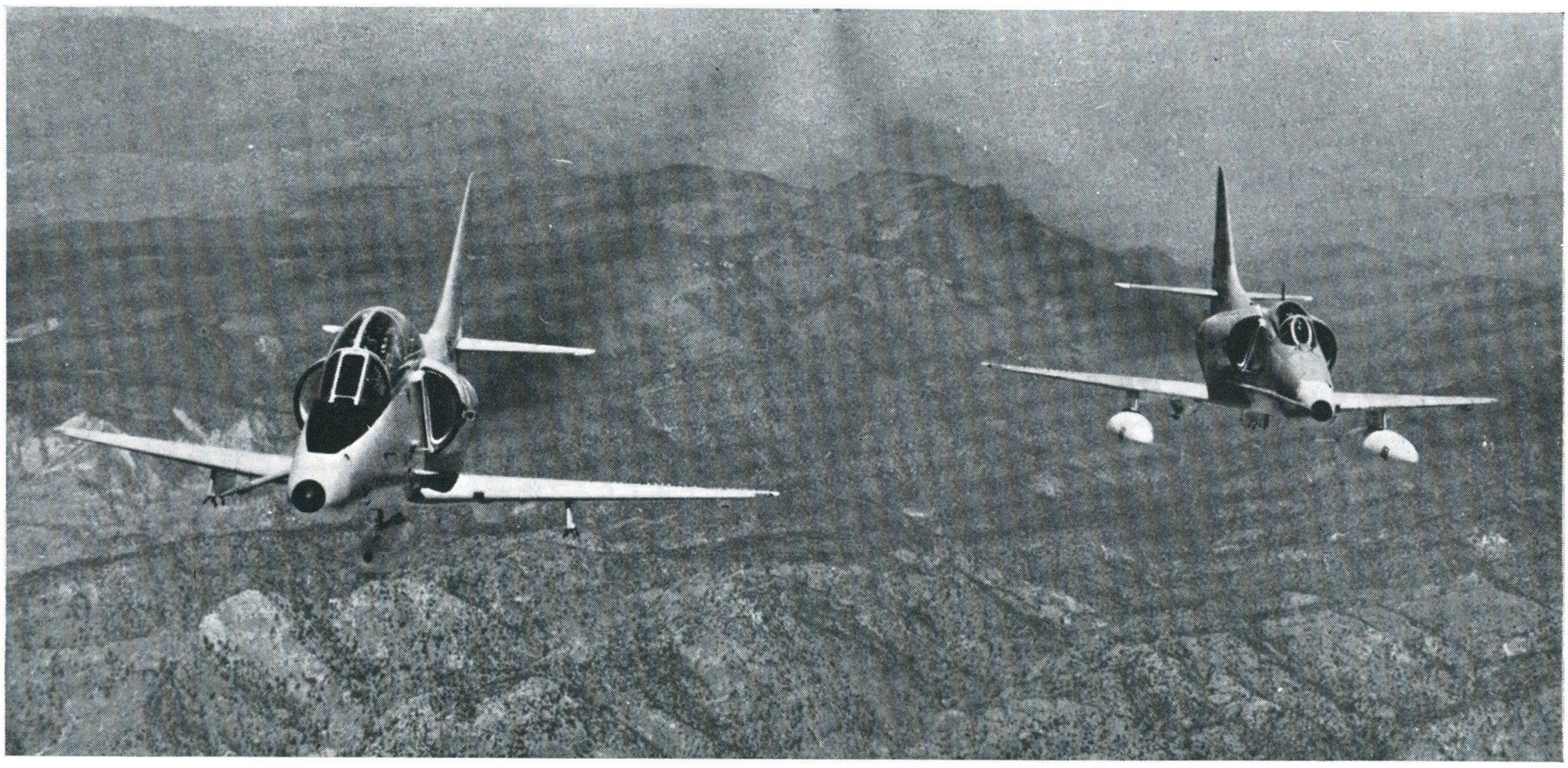
34

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38

Below: TA-4E (left) and A-4E (right).



ANDOVER

Although the name Andover correctly applies only to R.A.F. versions of the HS748 (formerly Avro 748), it is the acceptable reporting name for all HS748 aircraft, which are produced in two main versions : a turboprop airliner and a military or commercial version with lengthened fuselage and re-designed tail to permit rear-loading. The two versions are respectively Andover C.C.2 and C.1 in R.A.F. service.

Andover C.1 **Span 98 feet**



ANDOVER C.1s





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ANDOVER C.C.2

Lesson instructions on page 328



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HS748





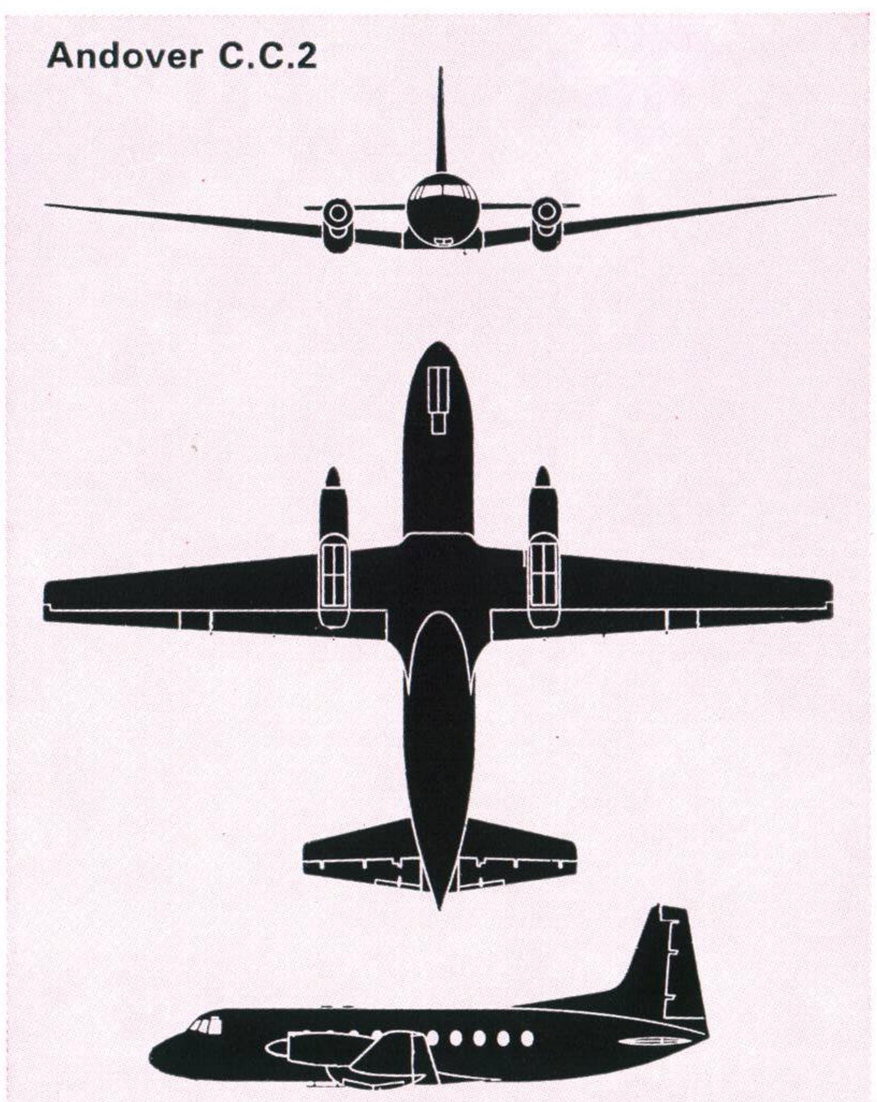
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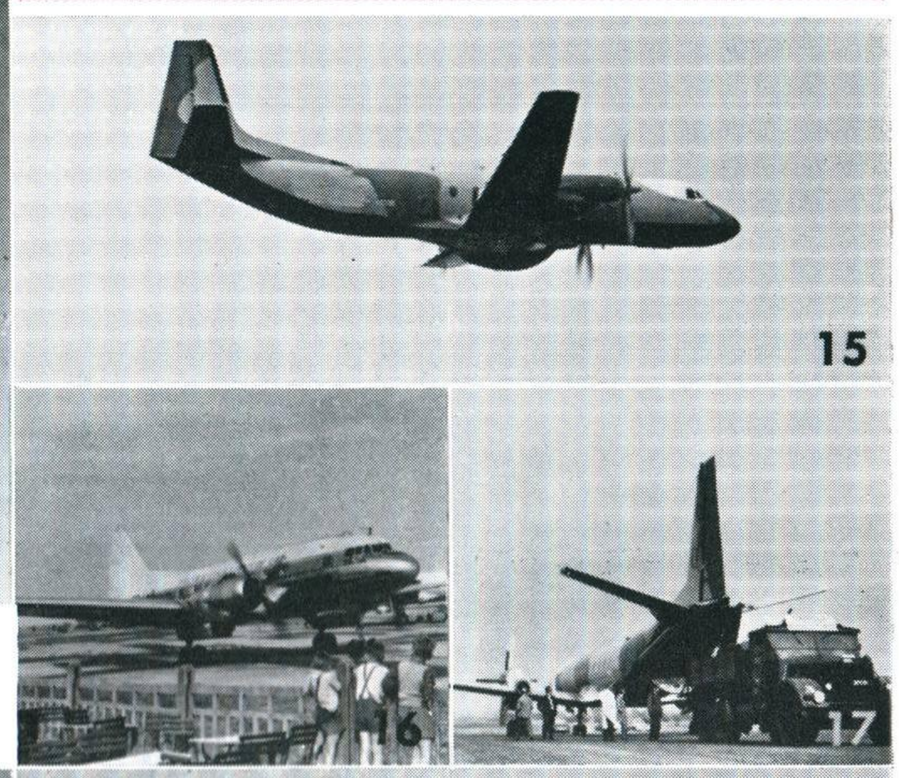


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ANDOVER continued

ANDOVER C.1









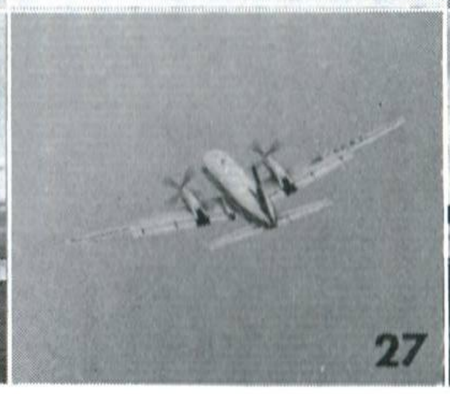






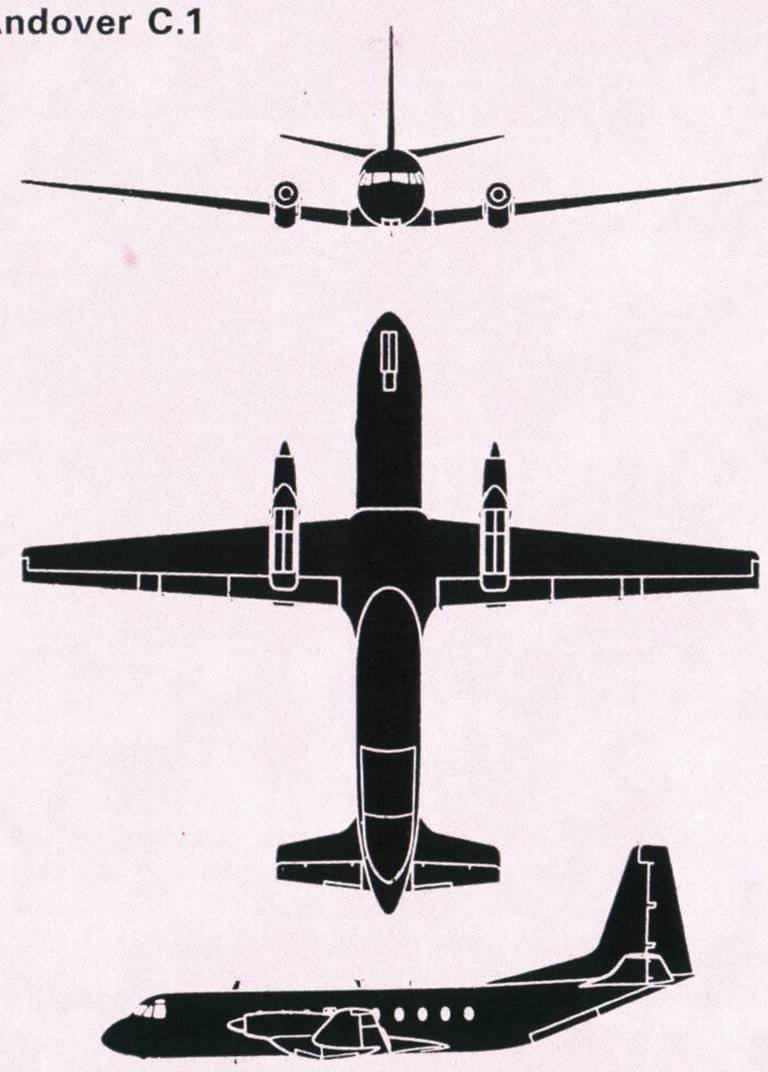








Andover C.1





ANDOVER C.1 prototype

Solutions on page 335









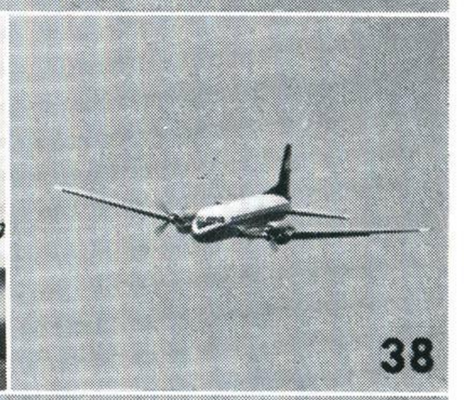








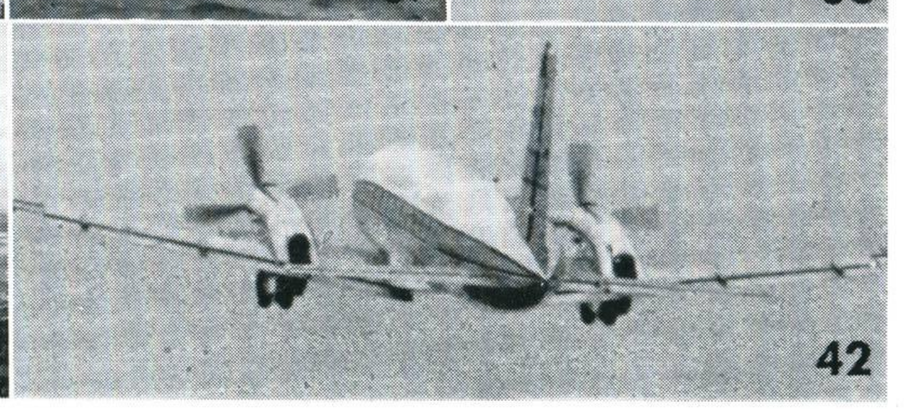












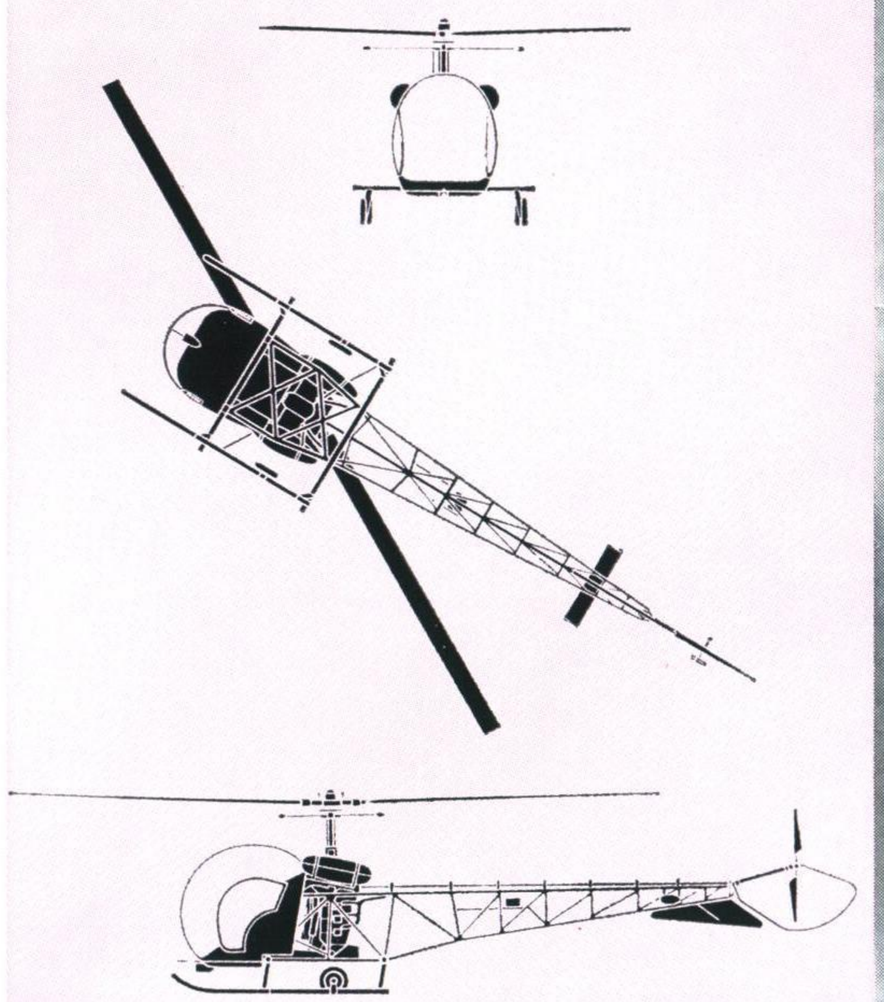
SIOUX

The Bell Model 47 helicopters have been produced in two main types, the 47G with skeletal framework visible as shown and the 47J with the framework enclosed. They were reported as Trooper and Ranger respectively and earlier lessons and features in the *Journal* used these names. Now that the British Army has adopted the Bell 47G with the name Sioux A.H. 1 to accord with the popular name of the U.S. Army for their H-13 series (see page 333) the reporting name for all 47G models is now Sioux—pronounced Sue. Ranger remains the correct reporting name for the 47J versions which will now be treated separately by a later lesson.

This helicopter is built in the U.S.A., Italy and Britain for various air forces, civil organisations and individuals with variations in canopy styling for 2, 3 or 4 seat versions. Various appendages or rigs may be fitted or carried for the multifarious duties performed by this popular helicopter.

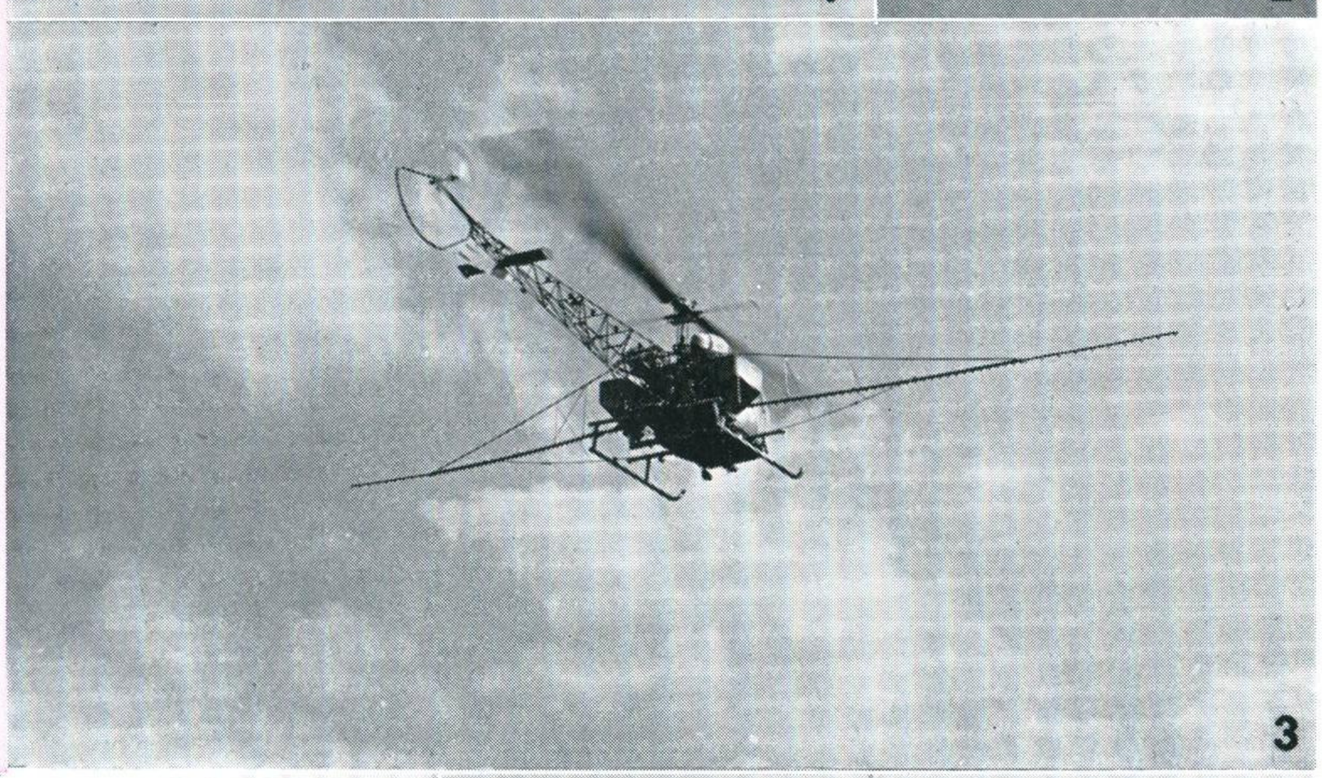
Length of fuselage 27 to 32 feet according to model.

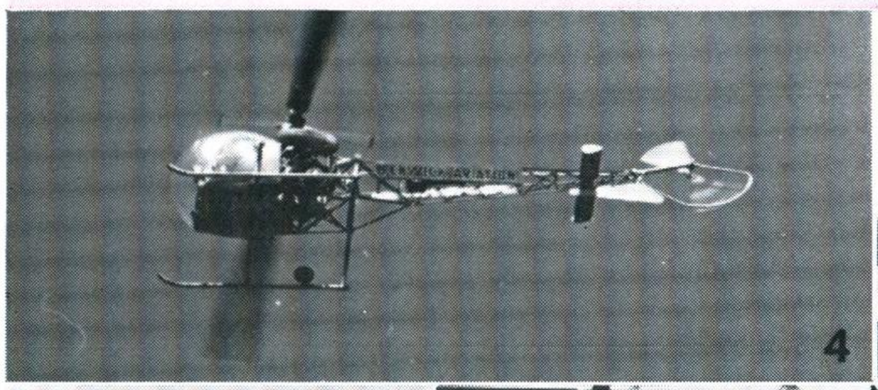




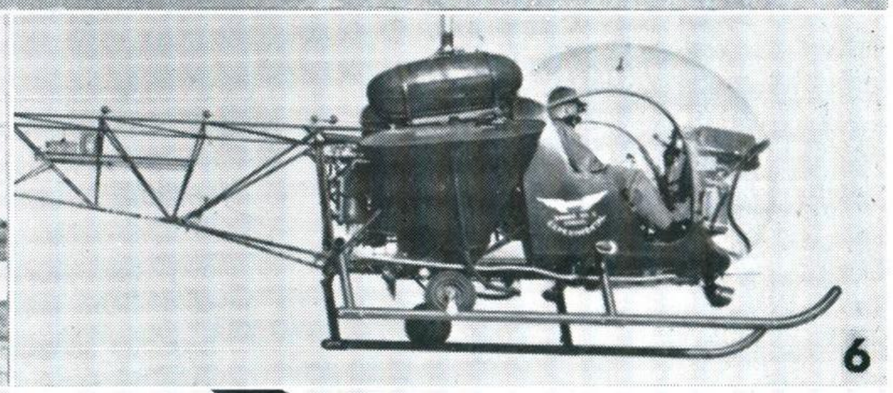

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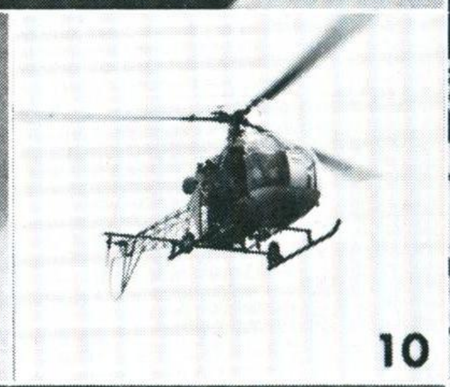

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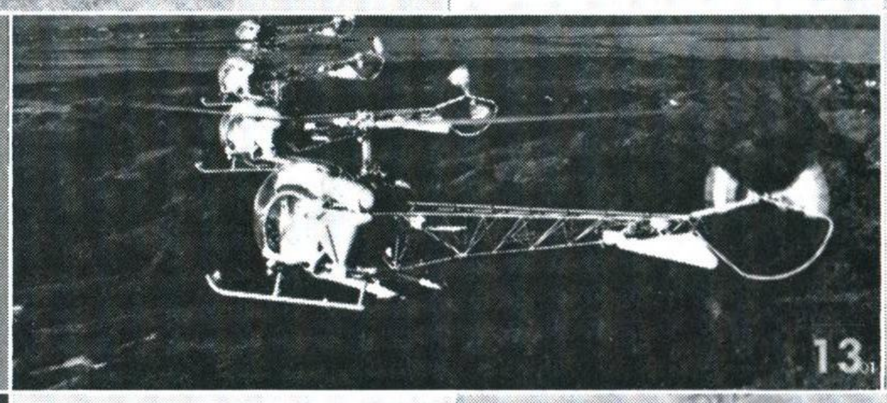
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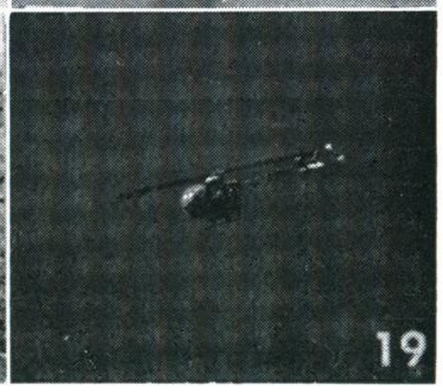

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Continued overleaf

The Sioux A.H.1 of the British Army. The first 50 for the Army have been produced by Agusta of Italy and the bulk to follow are in production by Westland Aircraft.

SIOUX continued

Lesson instructions on page 328

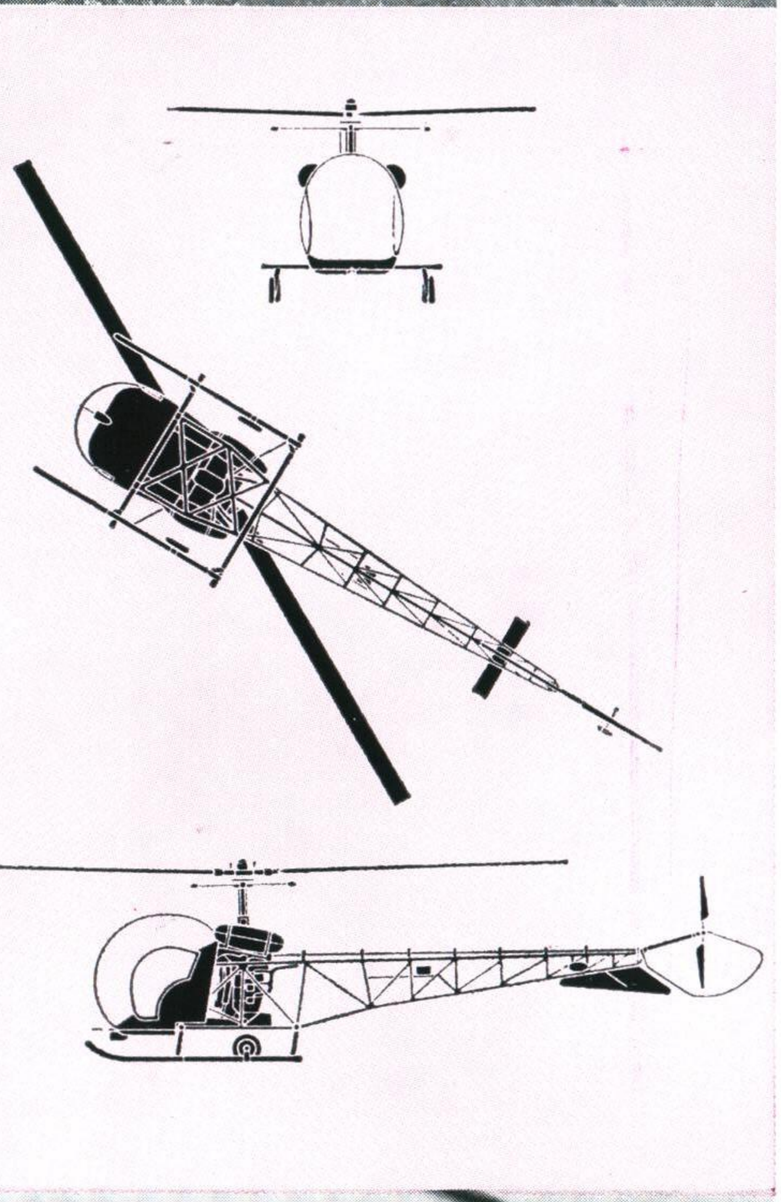

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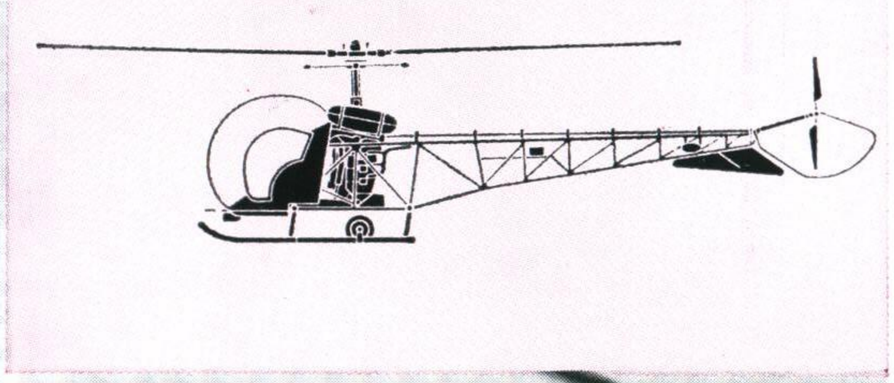

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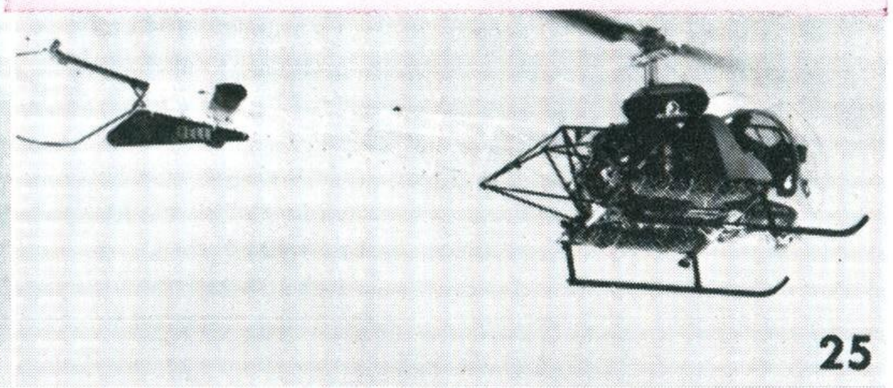

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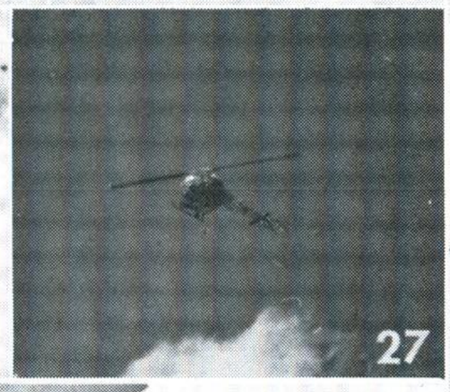

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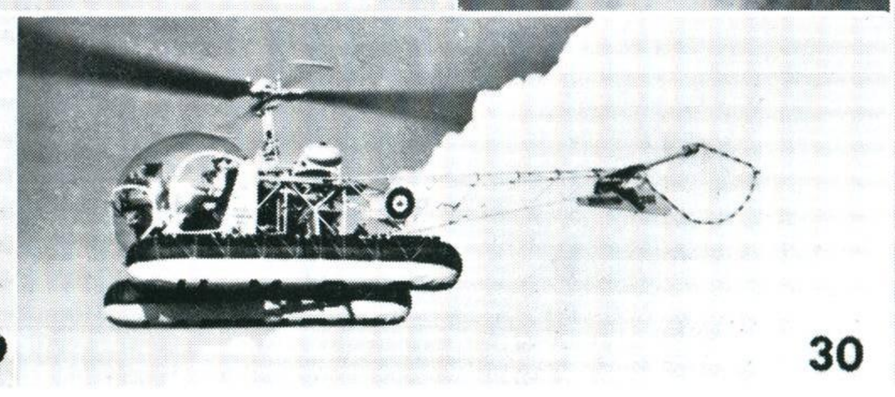

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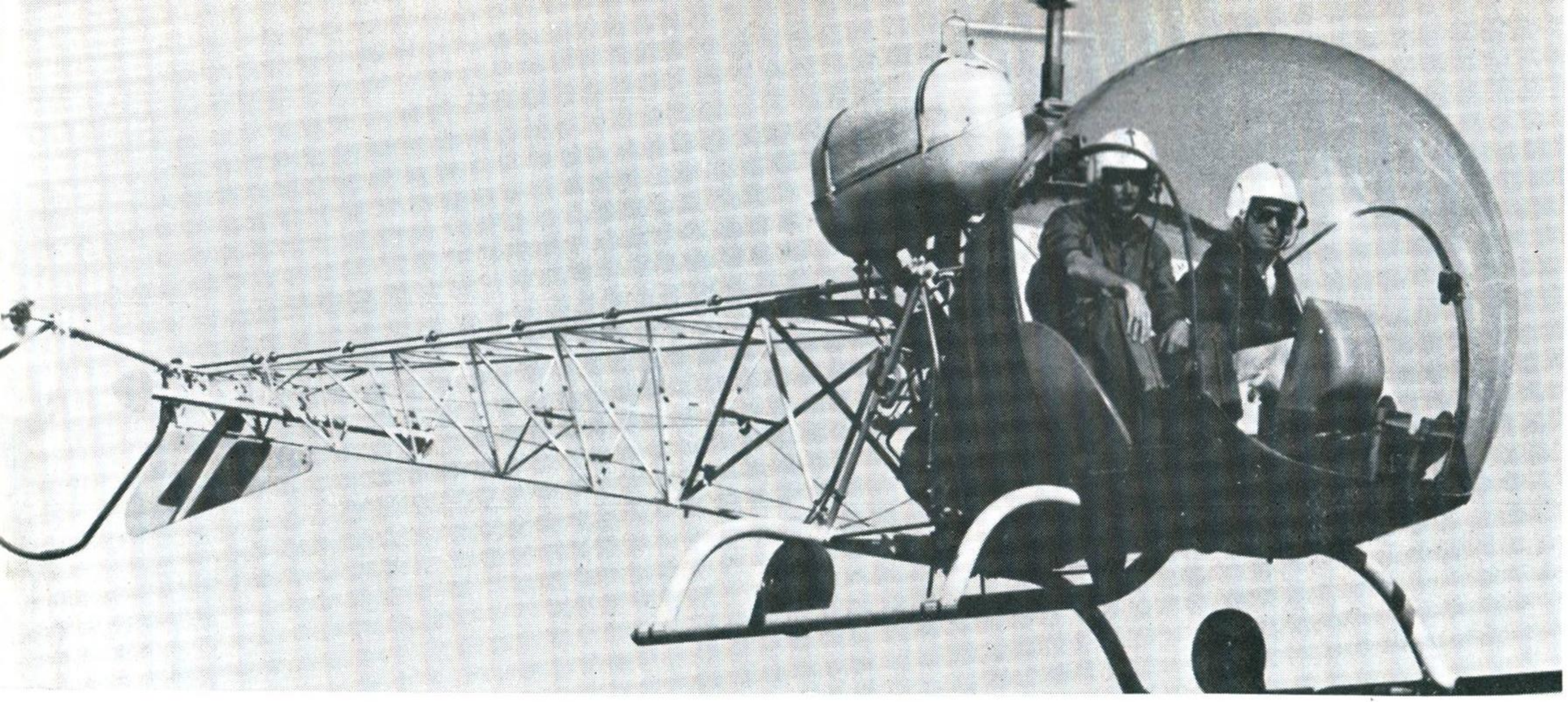

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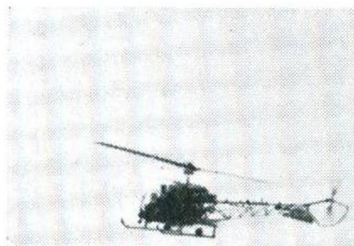

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The model used by the British Army is the Bell 47G-3B-1. Development of the series has continued and the 47G-5 shown here is the latest model on the civil market.





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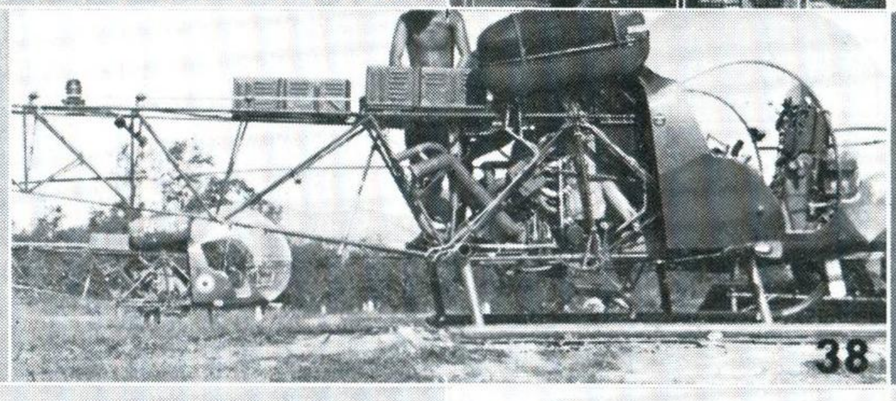
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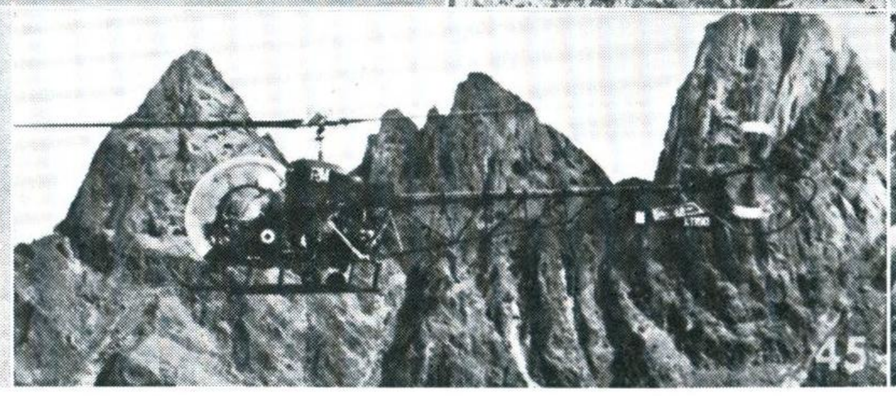
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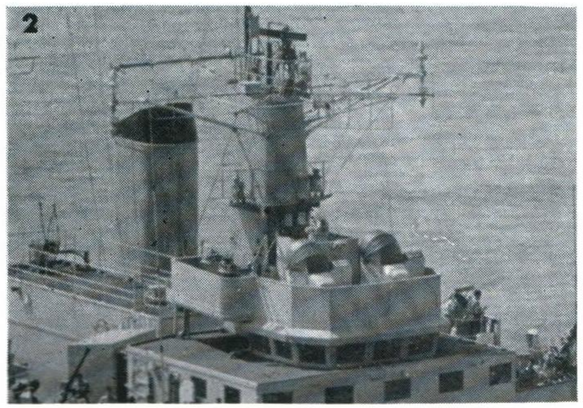
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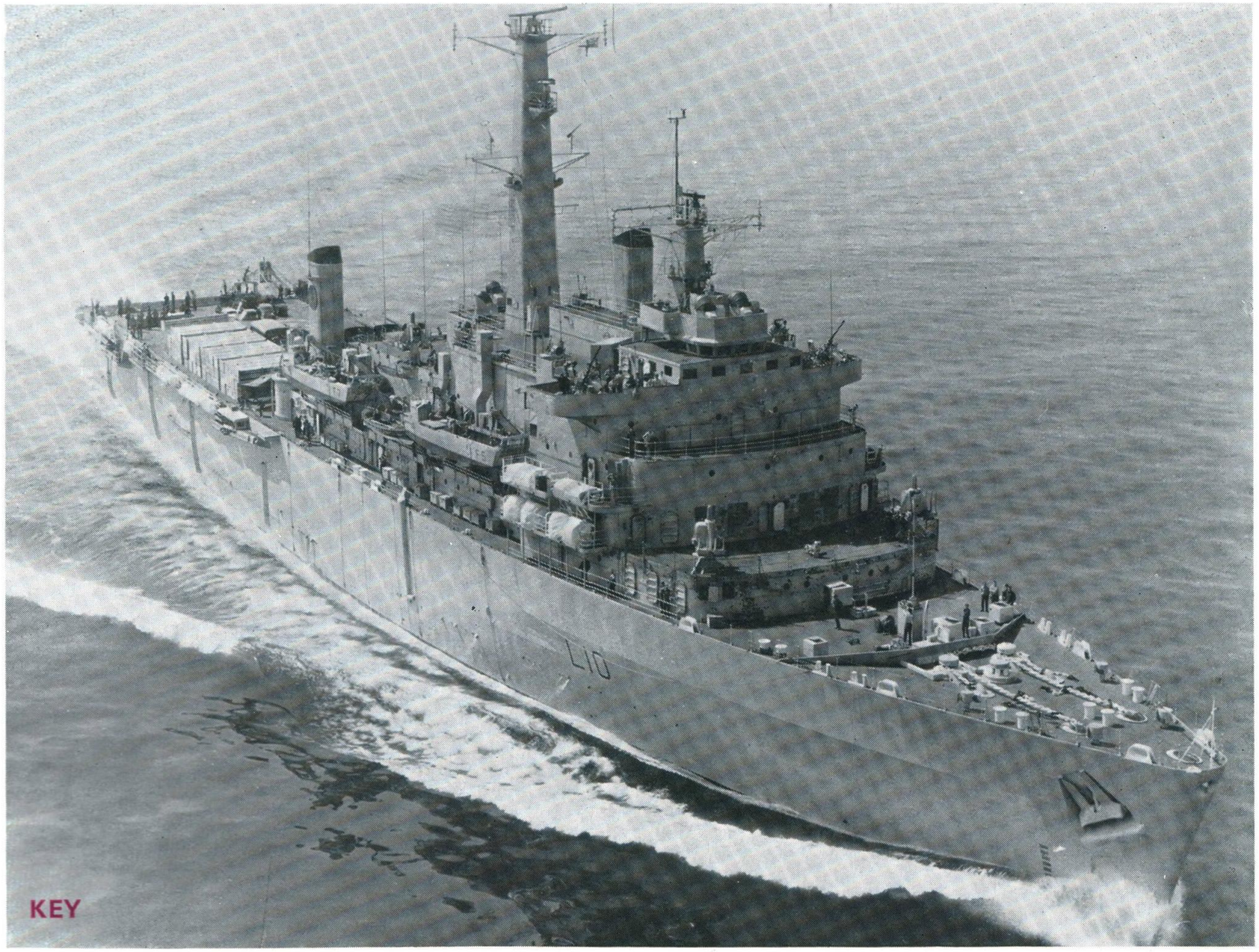
An interim development of the Bell 47 series, the 47G-4a. In most of the later models, components are interchangeable with earlier models.

Solutions on page 335

H.M.S. FEARLESS





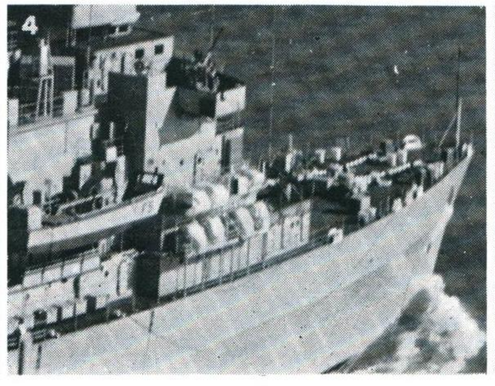


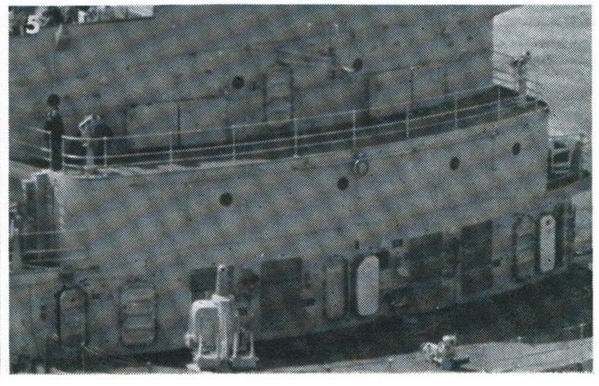
Fearless is the first of two new assault ships for the Royal Navy. Of 12,000 tons displacement and 520 feet in length, the ship is armed with Seacat guided missile systems and 40-mm. Bofors guns.

This class is designed to carry heavy tanks or equipment, operate helicopters and provide an amphibious operations control centre. An open stern permits landing craft to be floated out from inside and this feature, together with the funnels staggered across the beam, provide distinctive recognition features.

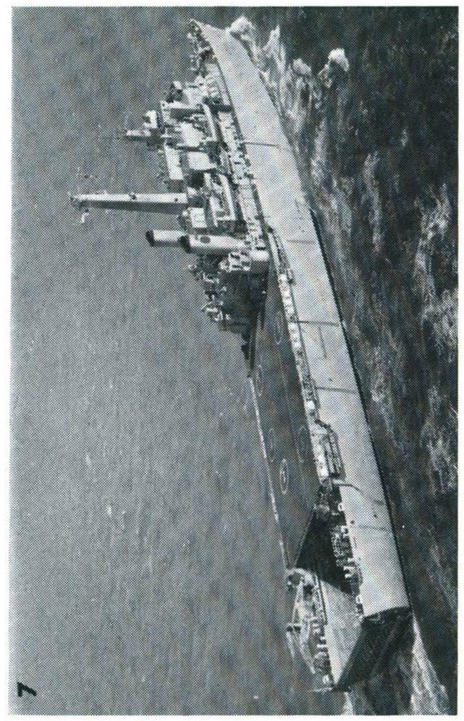
Lesson instructions on page 328

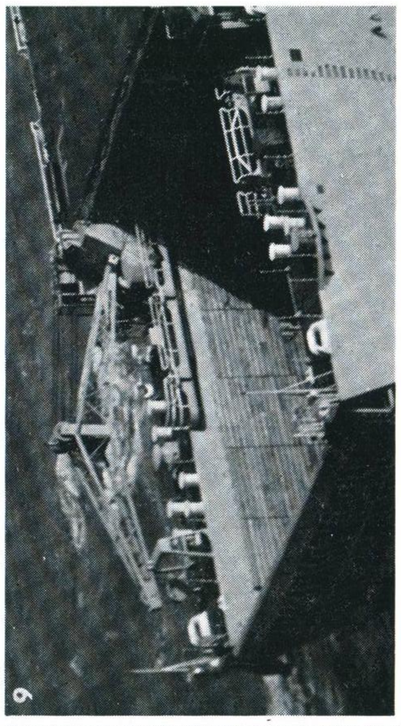


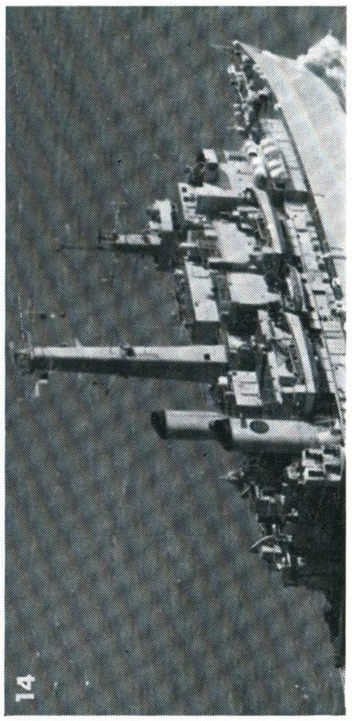


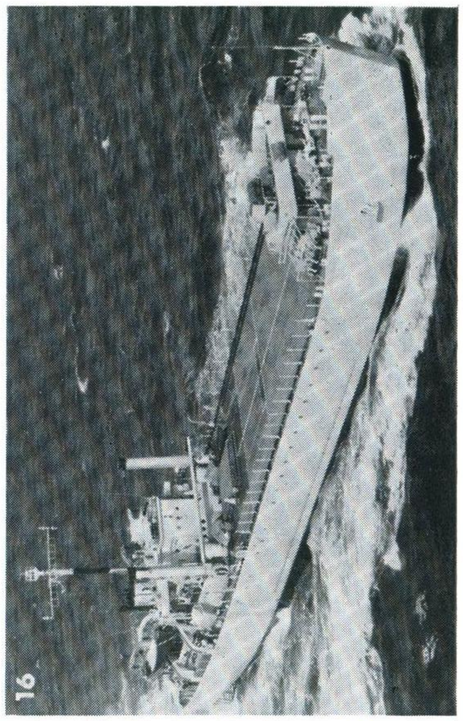


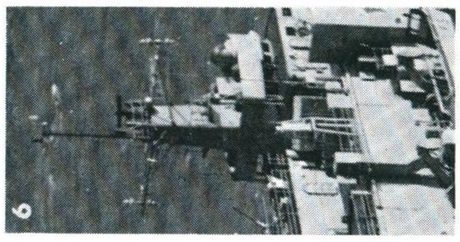


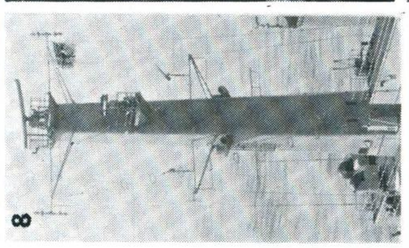


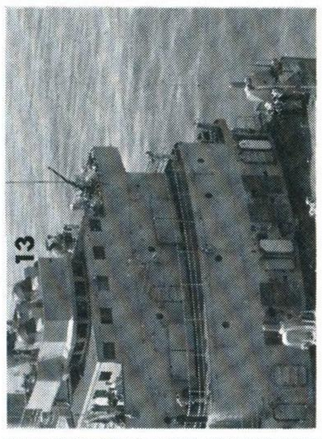


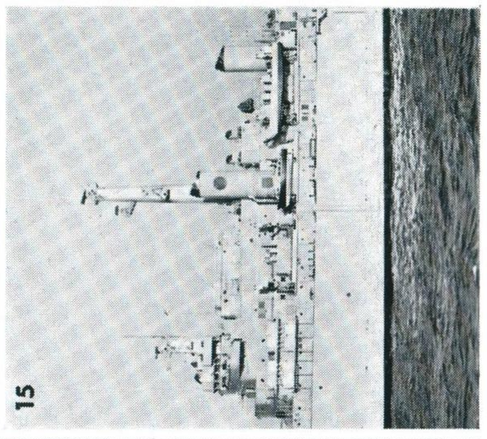


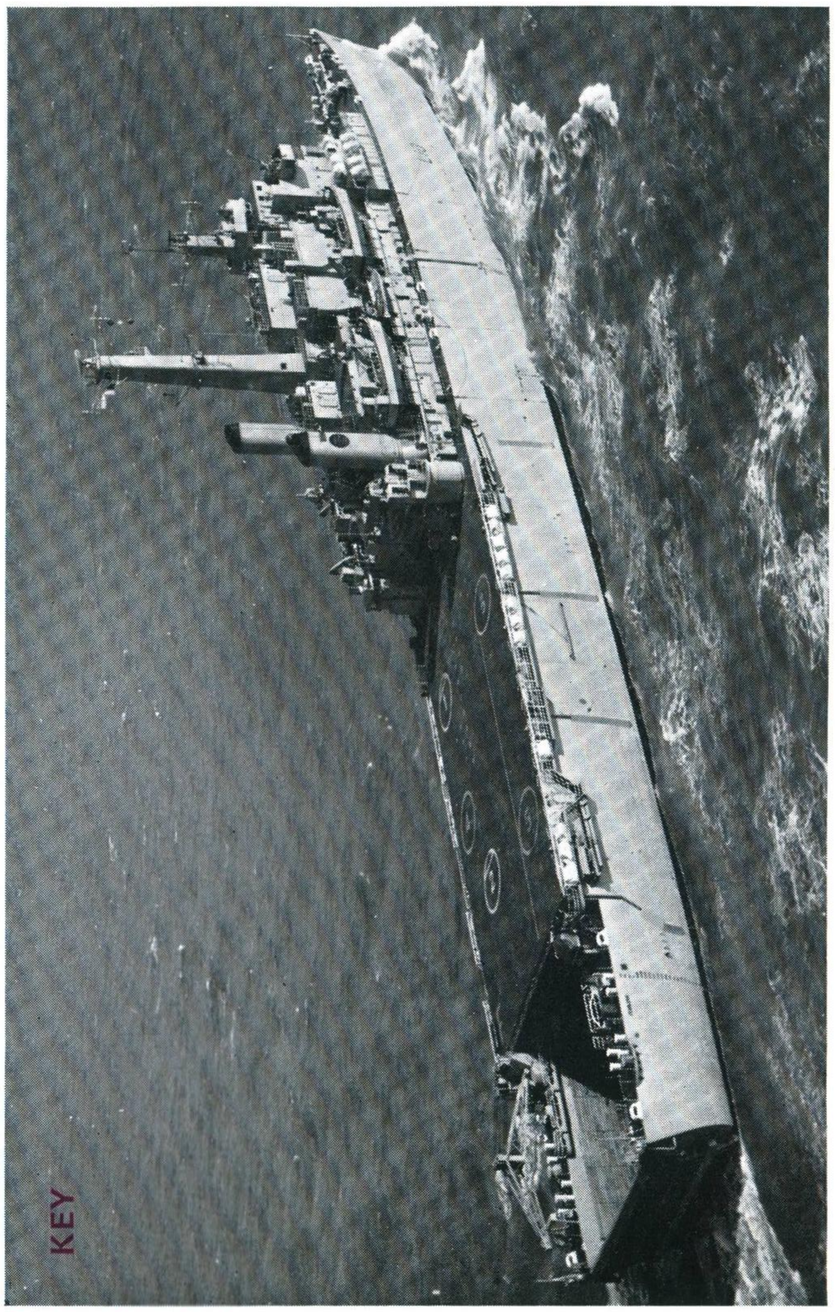


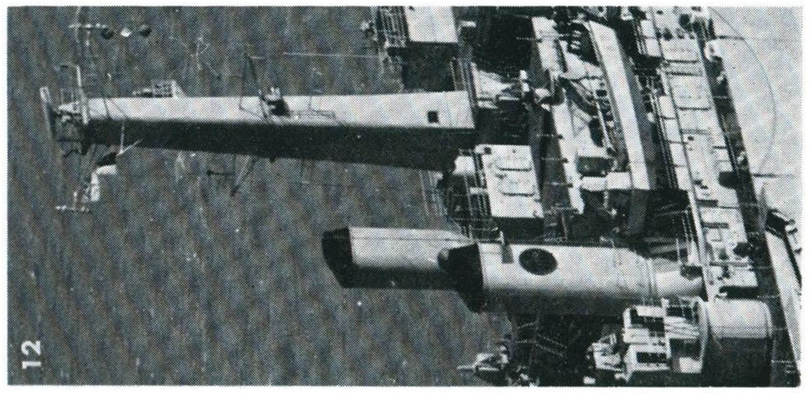


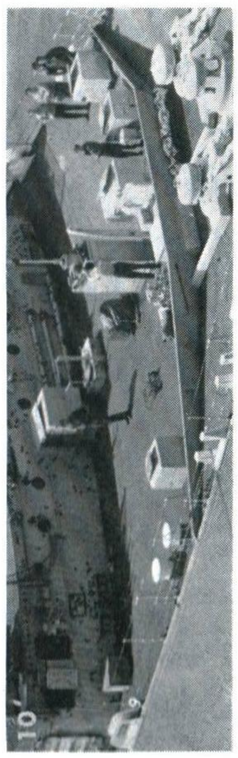


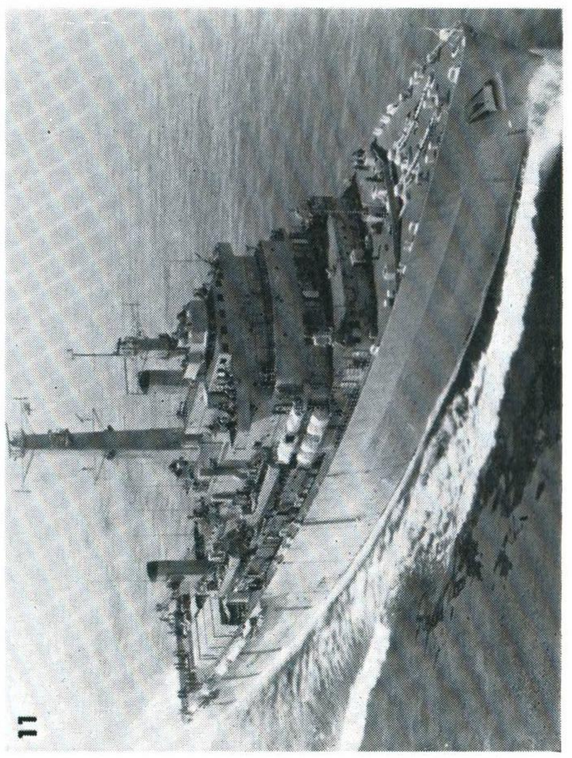




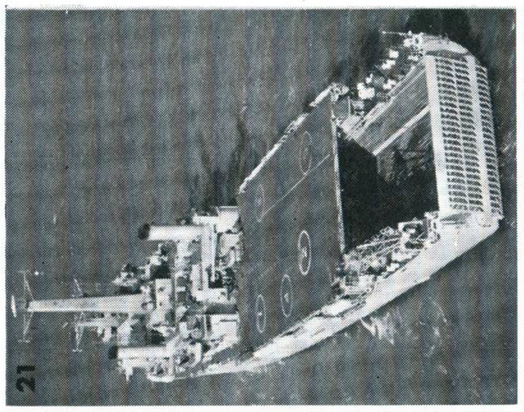


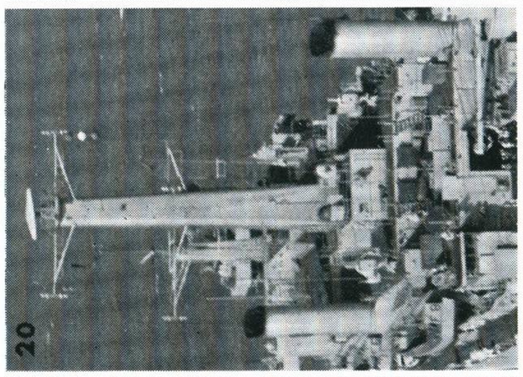


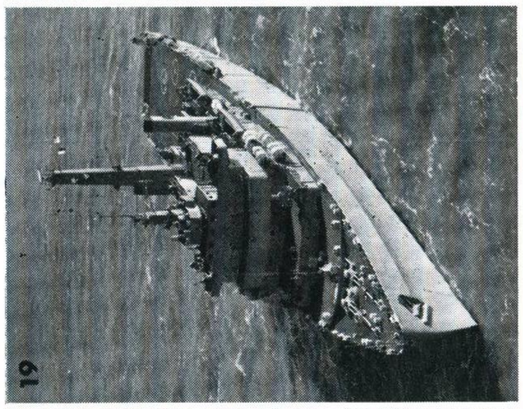


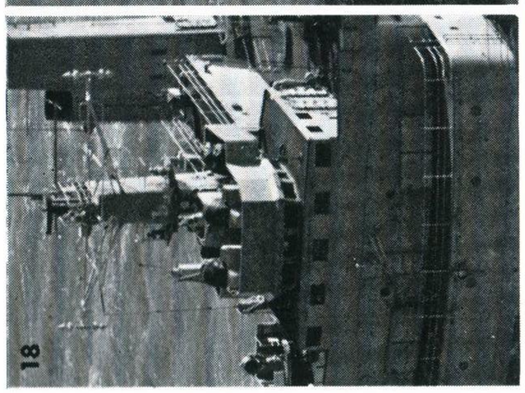


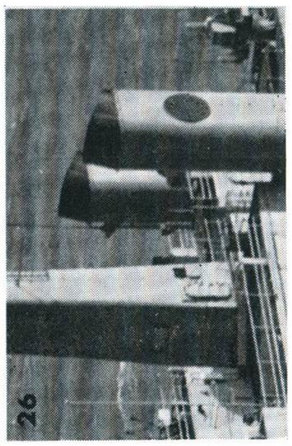
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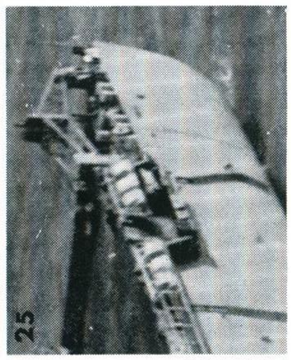

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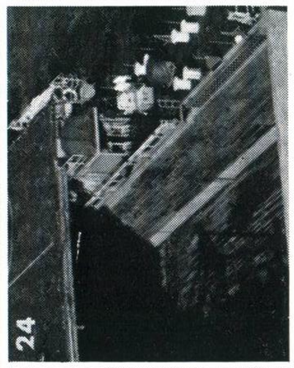

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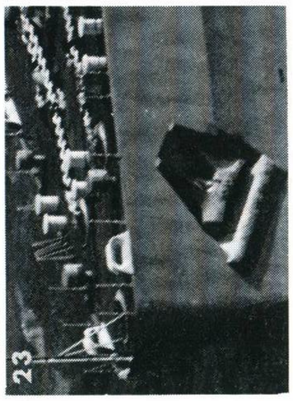

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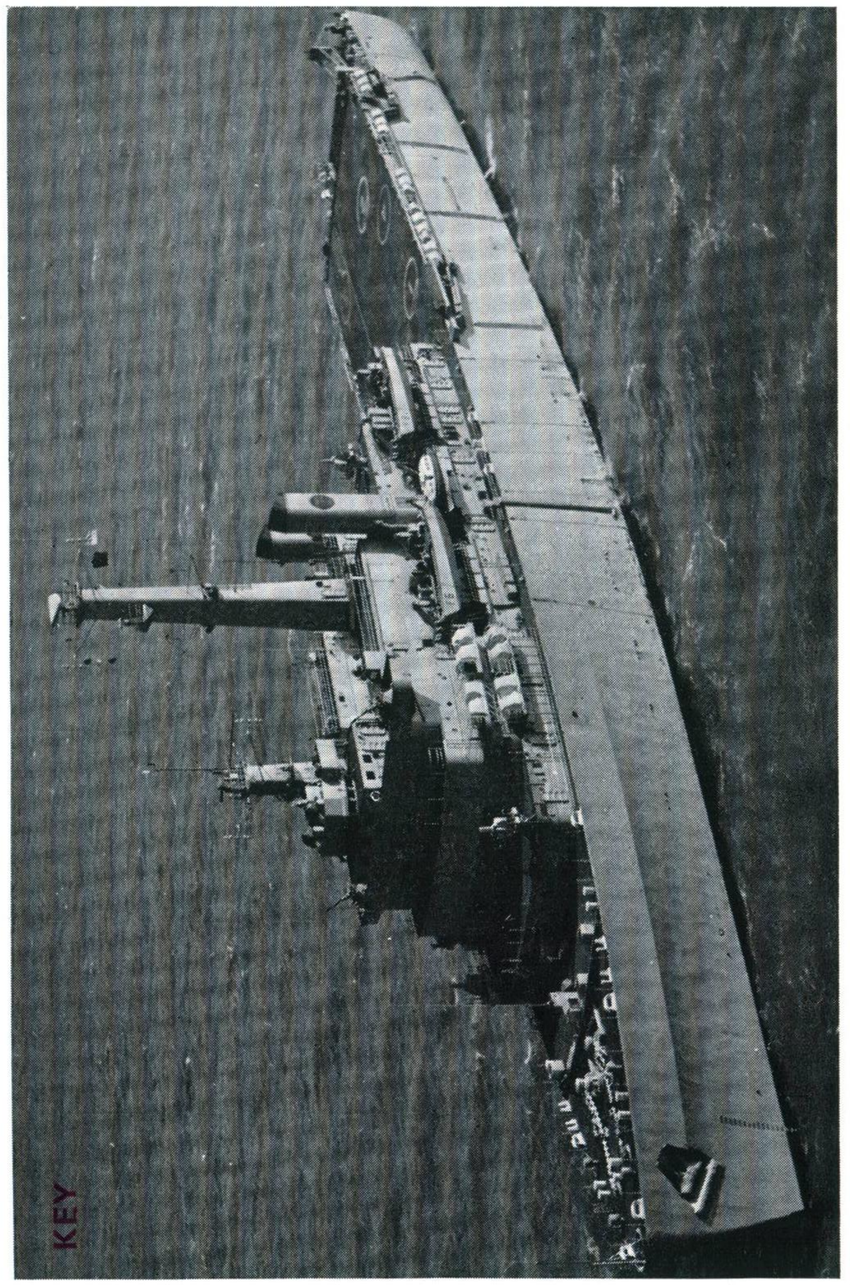

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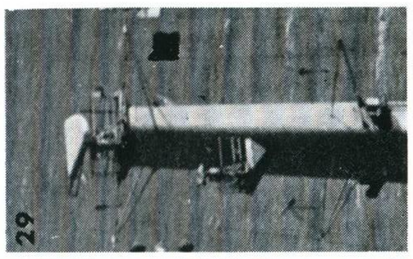

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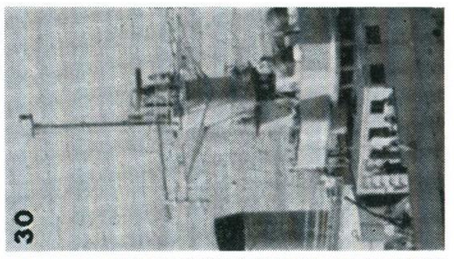

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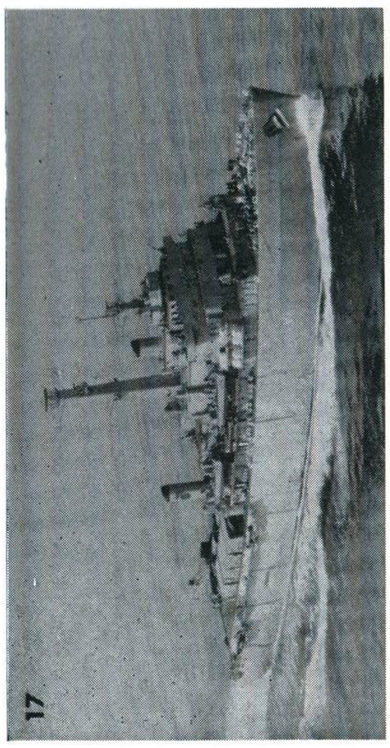

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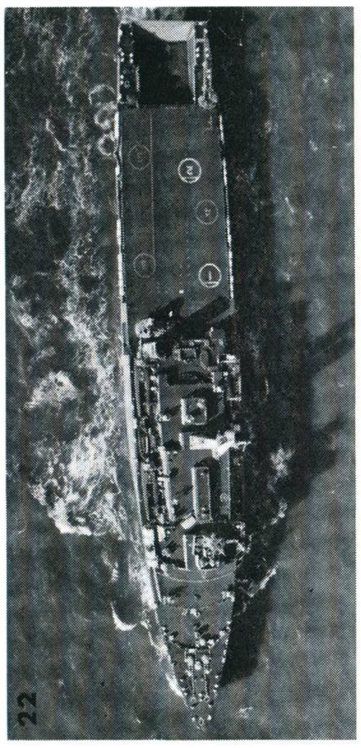

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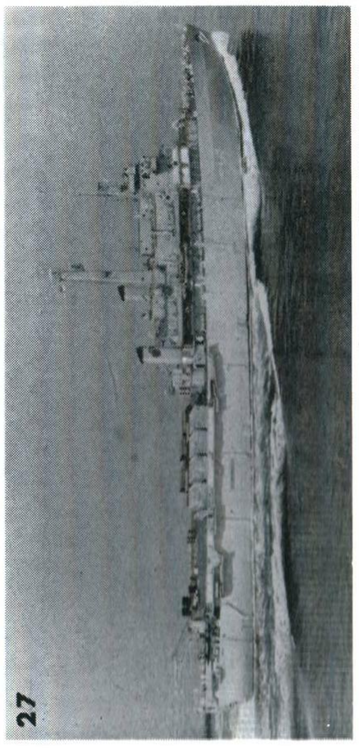

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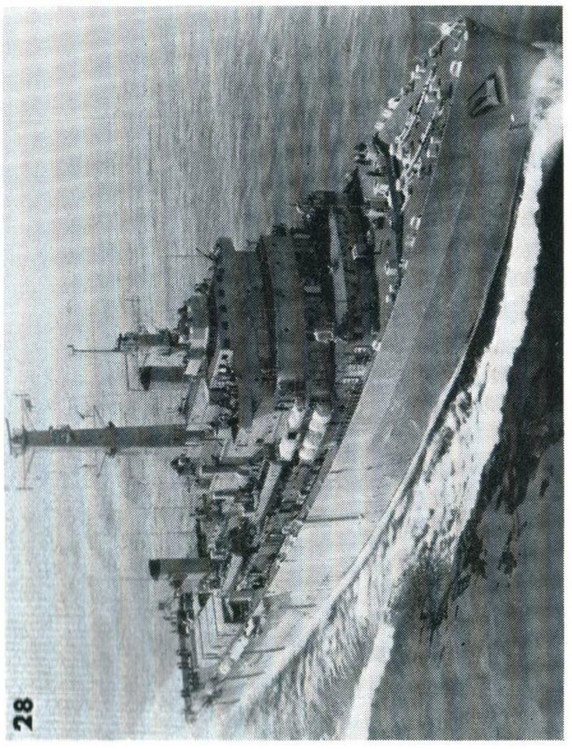

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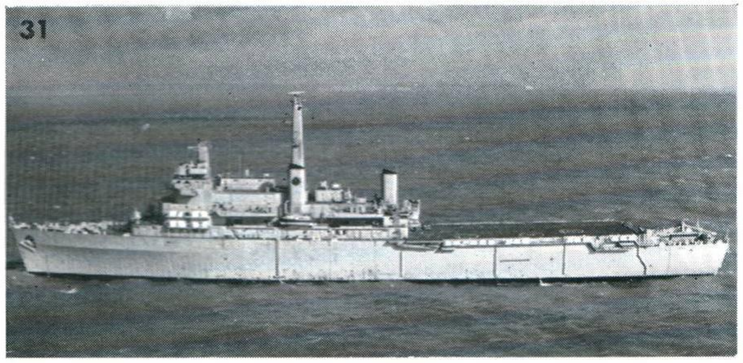

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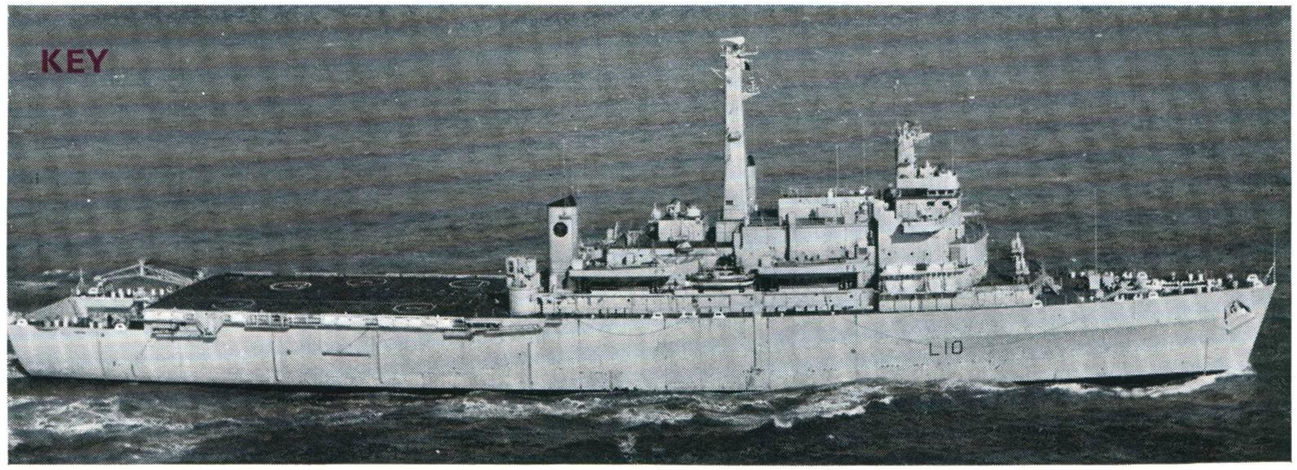
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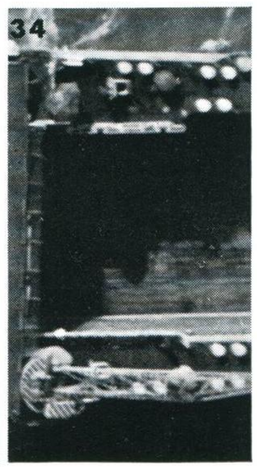
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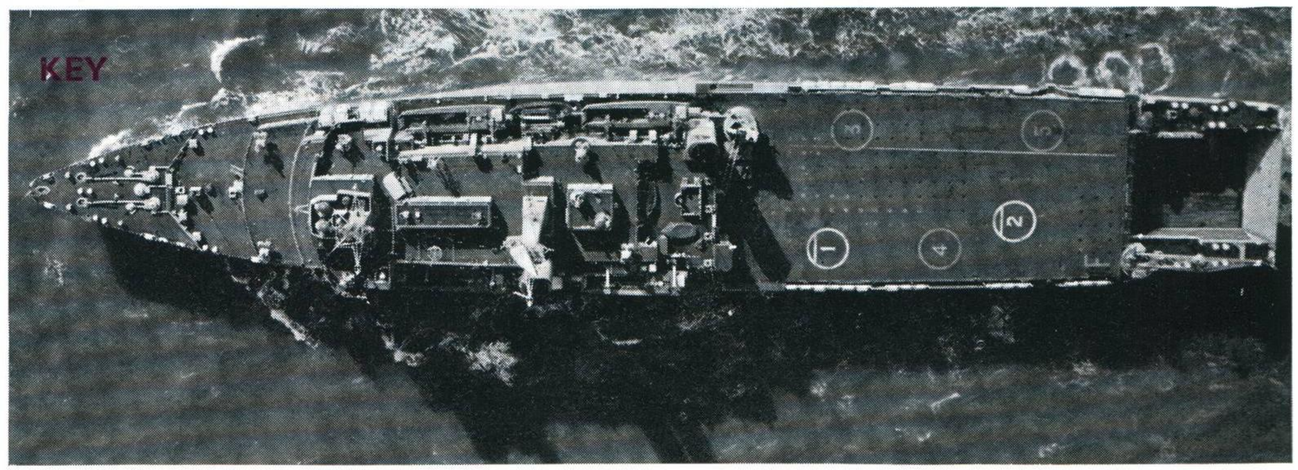
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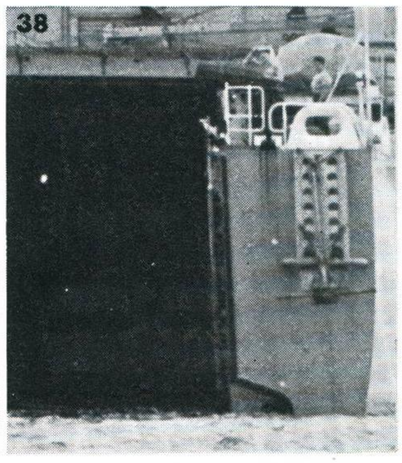
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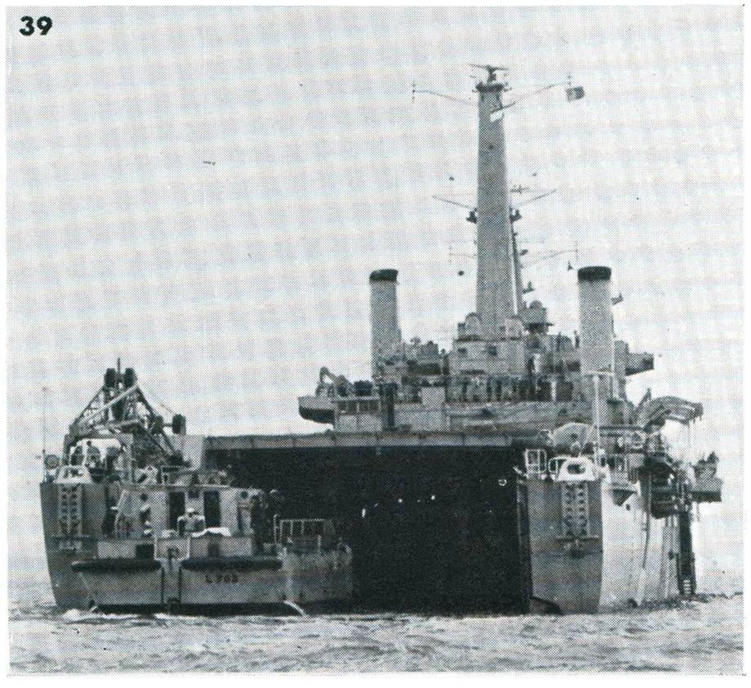
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Solutions on page 335



IN PASSING

C-124 Globemasters of the U.S.A.F. and Hastings of the R.A.F. at Nicosia, Cyprus, kindly sent for *Journal* use by a reader. With a Britannia seen flying in the distance this picture shows well that in spite of all the new transports being introduced, the older types are not yet fading out.





Another example in the series of "What were they?" for those who might—or might not—remember.

Solution next month. **Last month, Halifax.**

READER'S LETTER

16 Sep 66

Sir,

The reference to the destruction of Spitfires and Mustangs due to mis-identification by naval and ground forces (March and June issues) reveals that recognition was not of a sufficiently high standard, but in terms of balance of effort the R.A.F.'s record of damage to and destruction of H.M. Ships far outweighed anything which it suffered itself. The list which I append is not necessarily complete and there may well have been more R.A.F. attacks without serious damage resulting.

26 May 41 H.M.S. *Sheffield* attacked by Swordfish torpedo-bombers in mistake for *Bismarck*.

11 Nov 42 H.M. Submarine *Unbeaten* presumed lost from attack by friendly aircraft.

9 May 43 Hunt Class destroyer *Bicester* attacked off Tunisian coast.

5 May 44 M.T.B. 708 sunk and M.T.B. 720 damaged by attacking Beaufighters in the English Channel.

11 Jun 44 M.T.B. 448 attacked and sunk off Normandy.

26 Jun 44 Four M.T.B.'s attacked by Beaufighters in Schelde Estuary. M.T.B. 734 sunk and 751 damaged.

27 Aug 44 Minesweeping squadron attacked by Typhoons; H.M.S. *Britomart* and H.M.S. *Hussar* sunk and H.M.S. *Salamander* damaged beyond repair.

R. LUMLEY
Inspecting Officer (NSK) N.S.O., H.M.S. *Orion*

The facts of Mr Lumley's letter can be substantiated, but have not been checked for circumstances e.g. mis-identification or mis-direction. Nevertheless, it emphasises the need for ship as well as aircraft identification training.

Lesson Instructions

To obtain the maximum benefit from the training devices published in this *Journal*, the following procedure should be adopted.

1. **Read the text associated with the lesson.**
2. **Prepare a list of target numbers so as to be able to tackle the targets in any order.**
3. **Identify the target pictures by comparing them with the key views: start with the easy ones so as to gain experience: also use targets already identified to solve the more difficult ones.**
4. **When certain of the identity of a target write down its name *IMMEDIATELY* against the appropriate number on your list. THIS IS IMPORTANT.**
5. **Lessons should not be hurried or given a time limit. So far as beginners are concerned, it is more important to identify accurately than quickly.**
6. **Do not attempt conscious memorising of details, shapes, or names.**

Gebrauchsanweisung für die Typenlehre

Um den größten Nutzen aus den Übungsbildern, die in diesem Heft veröffentlicht werden, zu ziehen, sollte wie folgt verfahren werden.

1. **Den zur Lehre gehörigen Text lesen.**
2. **Eine numerierte Typenliste vorbereiten, in der angesprochene Typen in eine gewisse Ordnung gebracht werden können.**
3. **Typen ansprechen durch Vergleich mit den Hauptansichten (von oben, von unten, von vorne, von hinten und von der Seite). Anfangen mit den einfachen Bildern, um Erfahrung zu bekommen. Die angesprochenen Typen zur Ansprache der schwierigeren benutzen.**
4. **Wichtig: Sobald ein bestimmtes Flugzeugbild mit Sicherheit richtig angesprochen ist, sofort die Typenbezeichung in die entsprechende Stelle der Liste eintragen.**
5. **Bei der Übung nicht beeilen oder eine zeitliche Begrenzung festlegen. Für Anfänger ist es wichtiger, richtig anzusprechen als schnell.**
6. **Nicht mit Einzelheiten, Umrissen, Namen aufhalten.**



One of the more recent types to come into the U.S. Designations List, the **U-8H King Air**.

United States Service Aircraft Designations

This supersedes the designations given in the February 1966 edition

All aircraft of the United States Services, Air Force, Army, Navy, Marine Corps and Coast Guard, are designated in common numerical series, prefixed by a letter indicative of their role. The Crusader, for example, in the fighter series which went up to 111 and has been re-allotted from No. 1, is the F-8. The first model is automatically the F-8A and subsequent variations or developments became the F-8B, F-8C in alphabetical sequence.

Fifteen letters are in use giving basic missions, these are :

A-	**Attack**
B-	**Bomber**
C-	**Cargo or Transport**
E-	**Special Electronic Installation or Early Warning**
F-	**Fighter**
H-	**Helicopter**
K-	**Tanker**
O-	**Observation**
P-	**Patrol**
S-	**Anti-Submarine**
T-	**Trainer**
U-	**Utility**
V-	**VTOL or STOL**
X-	**Research**
Z-	**Airship**

When an aircraft is used other than in its primary role, such as the F-8A Crusader being used for reconnaissance or training, then qualifying prefix letters apply making the designation RF-8A or TF-8A respectively.

Qualifying letters to the basic mission are used as follows :

A	**Attack**
C	**Transport**
D	**Drone or Missile Director**
E	**Special Electronic Installation**
G	**Permanently Grounded**
H	**Search and Rescue**
J	**Special Test (Temporary)**
K	**Tanker**
L	**Cold Weather Standard of Preparation**
M	**Missile Carrier**
N	**Special Test (Permanent)**
Q	**Remotely Controlled (''Queen'')**
R	**Reconnaissance (Photographic)**
S	**Anti-Submarine**
T	**Trainer**
U	**Utility**
V	**Administrative Transport (V.I.P.)**
W	**Weather**
X	**Experimental**
Y	**Service Test Model**
Z	**Planning or Pre-development**

The following list gives all United States Service aircraft in use, including aircraft in other services where the aircraft are known by their official American designation :

Popular Name	Designation	Remarks
Aero Commander	**U-4A**	15 Model 560As for U.S.A.F.
	U-4B	2 Model 680 Supers for U.S.A.F.
	U-9B	1 for U.S. Army
	U-9C	4 for U.S. Army, with different Lycoming engine
	RU-9D	3 with SLAR for U.S. Army
Aerogyro	**XH-51A**	Lockheed CL-595 research helicopter
	XH-51N	1 XH-51A for N.A.S.A.
Airgeep I	**VZ-8P(A)**	Piasecki Model 59 for U.S. Army. Two-seat
Airgeep II	**VZ-8P(B)**	Improved 5-seat VZ-8P(B)
Albatross	**HU-16A**	U.S.A.F. models now converted HU-16B
	HU-16B	U.S.A.F. standard version. Increased wing span and tail area
	HU-16C	U.S. Navy models now converted to HU-16D
Albatross (continued)		
	HU-16D	U.S. Navy standard version. Increased wing and tail area
	HU-16E	U.S. Coast Guard
Aztec	**U-11A**	20 Piper PA-23-250 to U.S. Navy for home stations
Baron	**T-42A**	Beech B-55 for U.S. Army
Beaver	**U-6A**	DHC-2 for U.S.A.F., U.S. Army and Navy
Bird Dog	**O-1A**	U.S. Army Field Force
	TO-1A	U.S. Army training model with new type landing gear
	O-1B	60 for U.S. Marine Corps
	O-1C	25 improved O-1B for U.S.M.C. with revised tail
	TO-1D	Dual control version of O-1A with new engine, U.S. Army
	O-1E	U.S. Army and Marine Corps
	TO-1E	U.S. Army training model

Popular Name	Designation	Remarks
Bird Dog (continued)		
	O-1F	TO-1D model modified
Boeing 707	**C-137**	See under Stratoliner
Buckeye	**T-2A**	U.S. Navy trainer
	T-2B	Twin-engined version of T-2A
Buffalo	**CV-7A**	DHC-5 for U.S. Army, now transferred to U.S.A.F.
Cargomaster	**C-133A**	34 for U.S.A.F.
	C-133B	Developed version of C-133A
Caribou	**CV-2B**	DHC-4A used by U.S.A.F.
Cessna T-37	**T-37A**	416 for U.S.A.F., mainly converted to T-37B
	T-37B	U.S.A.F. standard version
	T-37C	Military Assistance Programme model with provision for wingtip tanks and armament pods
	AT-37D	COIN version, U.S.A.F.
Cessna T-41A	**T-41A**	Cessna Model 172, U.S.A.F.
	T-41B	255 for U.S. Army
Cessna 310F	**U-3A**	160 for U.S.A.F.
	U-3B	35 with different engine
Chickasaw (U.K. version known as Whirlwind)	**UH-19A**	Sikorsky S-55 for U.S.A.F.
	HH-19A	UH-19A modified for search/rescue operations
	UH-19B	Sikorsky S-55 for U.S.A.F. Improved UH-19A
	HH-19B	Sikorsky S-55 for U.S.A.F. UH-19B for search/rescue
	UH-19C	UH-19A for U.S. Army
	UH-19D	UH-19B for U.S. Army
	CH-19E	Sikorsky S-55 for U.S. Marine Corps. Similar to UH-19D
	UH-19F	Sikorsky S-55 for U.S. Navy
	HH-19G	Sikorsky S-55 for U.S. C.G.
Chinook	**CH-47A**	Boeing-Vertol 114 for U.S. Army
	CH-47B	Improved CH-47A
Choctaw (U.K. version known as Wessex)	**CH-34A**	Sikorsky S-58 for U.S. Army
	CH-34C	CH-34A for rescue work
	LH-34D	U.S. Navy Seahorse (Winterised)
	UH-34D	U.S. Marine Corps Seahorse based on CH-34A
	VH-34D	U.S. Marine Corps Seahorse (administrative version of UH-34D)
	UH-34E	U.S. Marine Corps Seahorse
	HH-34F	Sikorsky S-58 for U.S. Coast Guard. Basic UH-34D
	SH-34G	U.S. Navy Seabat UH-34D for anti-submarine operations
	UH-34G	U.S. Navy Seabat, similar to SH-34G for utility missions
	SH-34J	U.S. Navy Seabat for night operations
	UH-34J	Utility version of SH-34J
Commando	**C-46A**	Few retained by U.S.A.F.
	C-46D	Revised nose and loading arrangements. Equipped for paratroops
	TC-46D	Trainer version. U.S.A.F.
Constellation (Super Constellation in all cases but Constellation acceptable for normal reporting)	**C-121A**	Model L-749 passenger aircraft for U.S.A.F.
	C-121C	Model L-1049 for U.S.A.F. Fuselage increase of 18 feet
	TC-121C	U.S.A.F. trainer version
	EC-121D	U.S.A.F. search aircraft. Dorsal and ventral radar antenna
	NC-121D	U.S.A.F. special test. Configuration non-standard
	RC-121D	U.S.A.F. version introducing tip-tanks. Search aircraft

Popular Name	Designation	Remarks
Constellation (continued)		
	VC-121E	*Columbine III* for Presidential use operated by U.S.A.F.
	C-121G	A.N.G. aeromedical evacuation
	EC-121H	RC-121D with additional electronics. 32 to U.S.A.F.
	C-121J	U.S. Navy transport
	EC-121K	U.S. Navy Warning Star development of RC-121D
	EC-121L	U.S. Navy Warning Star with rotating radome
	EC-121M	U.S. Navy Warning Star. Equipment differences
	WC-121N	U.S. Navy Warning Star weather reconnaissance
	EC-121P	U.S. Navy Warning Star with special detection equipment
	EC-121Q	EC-121D modified
Corsair	**A-7A**	Crusader replacement
	A-7B	U.S. Navy development
	A-7C	Two-seat project
	A-7D	U.S.A.F. version
Cougar	**QF-9J**	U.S. Navy fighter relegated and adapted for training roles
	AF-9J	
	TF-9J	
	RF-9J	
Crusader	**F-8A**	Initial U.S. Navy version now withdrawn from squadrons
	DF-8A	Adapted versions of initial production model for U.S. Navy
	QF-8A	
	RF-8A	
	TF-8A	
	F-8B	F-8A with radar changes
	F-8C	Increased power, U.S. Navy
	F-8D	All-weather model, U.S. Navy and Marine Corps
	F-8E	F-8D with improved radar
	E-8E (FN)	For French Navy
	DF-8F	Missile director model
	RF-8G	Re-equipped RF-8A
Dakota (Basic Douglas DC-3 see also Super Dakota, known in U.S. service as Skytrain)	**C-47A**	Douglas DC-3 for U.S.A.F. as Skytrain
	AC-47	Night flak suppression version
	HC-47A	U.S.A.F. rescue version
	RC-47A	U.S.A.F. version, equipped for photography
	VC-47A	V.I.P. version, U.S.A.F.
	VC-47B	V.I.P. for high altitude work. U.S.A.F.
	C-47D	C-47B version modified, U.S.A.F.
	EC-47D	U.S.A.F. early warning station
	HC-47D	U.S.A.F. for air-sea rescue
	RC-47D	Camera-equipped version, U.S.A.F.
	TC-47D	U.S.A.F. trainer version
	VC-47D	V.I.P. version, U.S.A.F.
	C-47H	U.S. Navy version of C-47A
	EC-47H	U.S. Navy electronics trainer
	LC-47H	Arctic operation for U.S. Navy with ski/wheel gear
	SC-47H	Interim anti-submarine version, U.S. Navy
	TC-47H	U.S. Navy trainer/transport
	VC-47H	U.S. Navy staff transport
	C-47J	U.S. Navy version of C-47H with different engines
	EC-47J	U.S. Navy electronic trainer
	LC-47J	U.S. Navy winterised version
	SC-47J	U.S. Navy anti-submarine warfare trainer
	TC-47J	U.S. Navy transport
	VC-47J	U.S. Navy admin. transport

Popular Name	Designation	Remarks
Dakota (continued)		
	TC-47K	U.S. Navy navigational trainer
Dash	**QH-50C**	Drone torpedo carrier
	QH-50D	Improved QH-50C
DC-6	**C-118A**	U.S.A.F. Liftmaster transport
	VC-118A	U.S.A.F. Liftmaster staff transport
	C-118B	U.S. Navy Liftmaster
	VC-118B	C-118B for administrative operations
Delta Dagger	**F-102A**	U.S.A.F. single-seat fighter
	TF-102A	U.S.A.F. two-seat fighter/ trainer
Delta Dart	**F-106A**	U.S.A.F. single-seat fighter. 320 built
	F-106B	U.S.A.F. two-seat fighter. 63 built
Demon	**F-3B**	Limited use by U.S. Navy
Destroyer	**RB-66A**	U.S.A F. version of Navy A-3
	B-66B	U.S.A.F. Douglas Model 1327A
	RB-66B	U.S.A.F. reconnaissance
	RB-66C	U.S.A.F. electronic reconnaissance
	WB-66D	U.S.A.F. weather reconnaissance
	B-66E	U.S.A.F. adapted version
Expeditor	**C-45G**	U.S.A.F. re-built Beech 18s
	C-45H	C-45G with engine change
	RC-45H	U.S.A.F. C-45H with photographic/mapping capabilities
	TC-45H	U.S.A.F. navigational trainer
	RC-45J	U.S. Navy C-45H with photographic/charting capabilities. Known as Navigator
	TC-45J	U.S. Navy Navigator based on C-45H
	F-111A	Initial production
	F-111	RF-111A U.S.A.F. reconnaissance; F-111B U.S. Navy fighter
	FB-111	210 authorised
	F-111K	R.A.F. version
Freedom Fighter	**F-5A**	Northrop N-156F single-seat
	F-5B	Two-seat version of F-5A
	CF-5	Canadair-built for R.C.A.F.
	F-5C	Development
	F-5D	Development
Fury	**F-1C**	U.S. Navy and Marine Corps versions of the Sabre, mainly in reserve
	F-1E	
	AF-1E	
Globemaster	**C-124A**	Douglas 1129A for U.S.A.F.
	C-124C	Douglas 1317 for U.S.A.F.
Gulfstream	**VC-4A**	Grumman G-159 for U.S. Coast Guard
	TC-4B	U.S. Navy navigational trainer
Hawkeye	**E-2A**	U.S. Navy early warning
	C-2A	Transport version without radome. U.S. Navy
Helio Twin	**U-5A**	Helio H-500 for U.S.A.F.
Hercules	**C-130A**	Initial production for U.S.A.F. 12 to R.A.A.F.
	DC-130A	Drone control version
	RC-130A	With T.V. view-finder blister, etc.
	C-130B	Developed version for U.S.A.F. and export. 5 to Indonesia
	HC-130B	6 for Discoverer satellite recovery, U.S.A.F. & U.S. C.G.
	C-130D	Winterised version, wheel/ski undercarriage, external tanks

Popular Name	Designation	Remarks
Hercules (continued)		
	C-130E	Long-range version U.S.A.F. 12 to R.A.A.F.
	HC-130E	C-130E with search and rescue equipment
	C-130F	7 for U.S. Navy with refuelling gear
	KC-130F	46 for U.S. Marine Corps as tanker/transports
	LC-130F	4 winterised for U.S. Navy, ski/wheel gear
	C-130G	Improved range and revised equipment
	C-130H	U.S.A.F. and R.N.Z.A.F. use
	HC-130G	12 for U.S. Coast Guard use
	HC-130H	Air rescue service version
	C-130J	Projected assault version
	C-130K	C-130E for R.A.F.
Hiller (Raven in U.S. Army, Nomad in R.C.A.F. and Hiller in R.N.)	**OH-23B**	U.S. Army and Military Aid version
	OH-23C	U.S. Army Hiller UH-12C
	OH-23D	U.S. Army improved OH-23C
	OH-23F	U.S. Army Hiller E4
	OH-23G	U.S. Army Hiller 12E
Hughes 269B	**TH-55A**	U.S. Army helicopter trainer
Hughes 369	**OH-6A**	Name awaited. 714 ordered
Hughes 385	**XV-9A**	Hot-cycle research model
Humming Bird	**XV-4A**	Lockheed 330 VTOL experiment
Huskie	**HH-43A**	U.S.A.F. version
	HH-43B	U.S.A.F. shaft turbine version of HH-43A. 116 ordered
	OH-43D	U.S. Marine Corps model
	HH-43F	Developed HH-43B for altitude performance under varying climatic conditions
Hustler	**B-58A**	Standard U.S.A.F. version
	TB-58A	8 dual-control conversions
Intruder	**A-6A**	U.S. Navy and Marine Corps standard attack version
	EA-6A	U.S. Navy E.C.M. version
	A-6B	U.S. Navy development
Invader	**B-26K**	80 ordered for U.S.A.F. COIN role as "Counter Invader"
Iroquois	**UH-1A**	U.S. Army version of Bell 204
	UH-1B	Improved UH-1A for U.S. Army and export e.g. Spain
	UH-1D	U.S. Army version of Bell 205
	UH-1E	U.S. Marine Corps version of UH-1B
	UH-1F	U.S.A.F. version for ICBM sites. 106 ordered
	UH-1G	Systems trainer, U.S. Army
Jetstar	**C-140A**	5 for U.S.A.F. Communications Service
	C-140B	5 for U.S.A.F. mission support
	VC-140B	6 for U.S.A.F. as transports
	C-140C	U.S. Navy transport
Kestrel	**XV-6A**	Hawker Siddeley P.1127
King Air	**VC-6A**	1 for special Air Missions Fleet
	U-8H	As ordered by U.S. Army
Liftmaster		See DC-6
Lockheed A-11	**SR-71**	Experimental strategic reconnaissance aircraft
	YF-12A	Air defence interceptor

Popular Name	Designation	Remarks
Lockheed T-33	**T-33A**	Trainer version of Shooting Star for U.S.A.F.
	DT-33A	U.S.A.F. drone director
	RT-33A	Military Aid version
	WT-33A	U.S.A.F. weather check version
	T-33B	U.S. Navy version
	DT-33B	U.S. Navy drone director
	DT-33C	U.S. Navy control aircraft
Lockheed U-2	**WU-2A**	U.S.A.F. weather reconnaissance and high altitude research
	U-2D	U.S.A.F. two-seat version U-2A
Marlin	**P-5B**	Refined version with modified tail
	SP-5B	As P-5B for anti-submarine patrol
Martin B-57 (U.S. built version of Canberra)	**B-57A**	Martin 272 based on Canberra B.2 for U.S.A.F.
	RB-57A	U.S.A.F. tactical night intruder versions
	B-57B	
	RB-57B	B-57B's re-designated
	B-57C	U.S.A.F. transitional trainer
	TB-57C	U.S.A.F. trainer conversion
	RB-57D	U.S.A.F. model with extended wing
	B-57E	Built for U.S.A.F. target towing units
	RB-57E	U.S.A.F. version of B-57E
	TB-57E	U.S.A.F. trainer
	RB-57F	High-altitude, special reconnaissance version with extended wingspan
Mentor	**T-34A**	Beech Model 45 for U.S.A.F.
	T-34B	U.S. Navy version
Mohawk	**OV-1A**	Grumman G-134 for U.S. Army
	OV-1B	U.S. Army version with SLAR
	OV-1C	U.S. Army, alternative equipment
	OV-1E	Projected development
Mojave (Sikorsky S-56)	**CH-37A**	U.S. Army initial version
	CH-37B	CH-37As for U.S. Army
	CH-37C	U.S. Marine Corps version
Neptune	**P-2E**	U.S. Navy Reserve
	DP-2E	U.S. Navy target launcher/control aircraft
	EP-2E	P-2E with special electronic equipment
	SP-2E	P-2E revised standard including jet pods
	P-2F	Improved P-2E. U.S. Navy
	MP-2F	Missile launcher version
	TP-2F	Trainer version
	P-2G	P-2F modified with jet pods
	P-2H	Improved P-2E for anti-submarine operations
	SP-2H	P-2H with special detection equipment
	LP-2J	Winterised version
Orion	**P-3A**	Lockheed Electra adapted for U.S. Navy. 10 to R.A.A.F.
	P-3B	Increased power. 5 to R.N.Z.A.F.
	P-3C	Under development
Otter	**U-1A**	DHC-3 for U.S. Army
	U-1B	Modified DHC-3 with skis for Polar regions
Packet (or Boxcar)	**C-119C**	"Flying Boxcar" for U.S.A.F.
	C-119F	U.S. Navy version
Packet (continued)		
	C-119G	U.S.A.F. C-119F with airscrew change
	C-119J	Modified U.S.A.F. version
Phantom	**F-4A**	Initial U.S. Navy version
	F-4B	Standard U.S. Navy version
	RF-4B	U.S. Navy adapted version
	F-4C	Standard U.S.A.F. fighter
	RF-4C	Adapted U.S.A.F. version
	F-4D	Late production version
	F-4G	U.S. Navy version with data link equipment
	F-4J	U.S. Navy version with improved radar
	F-4K	Production for Royal Navy
	F-4M	Production for R.A.F.
Provider	**C-123B**	U.S.A.F. standard transport
	C-123H	U.S.A.F. improved transport
	C-123J	U.S.A.F. for Arctic missions. Wingtip jets incorporated
Queen Air		See Seminole
Sabre	**F-86D**	U.S.A.F. Reserve units and limited use
	F-86F	
	F-86H	
	F-86K	Military aid countries use only
	F-86L	Modified version for U.S.A.F. Now with Reserve units
Sabreliner	**T-39A**	U.S.A.F. utility trainer
	T-39B	6 to U.S.A.F. as crew trainers
	T-39D	U.S. Navy version
Samaritan (known as Convair Liner in U.S. Navy and Flying Classroom in U.S.A.F.)	**C-131A**	Convair 240 for U.S.A.F. casualty evacuation
	VC-131A	U.S.A.F. staff transport
	C-131B	Convair 340, U.S.A.F. electronic test beds
	C-131D	Convair 340/440 for U.S.A.F.
	C-131E	U.S.A.F. cargo version
	C-131F	U.S. Navy version of Convair 340
	C-131G	U.S. Navy version of Convair 440
	T-29A	Convair 240 U.S.A.F. (4 astrodomes)
	VT-29A	U.S.A.F. transport
	T-29B	Convair 240 U.S.A.F. Also used by U.S. Navy for navigational training (3 astrodomes)
	VT-29B	4 T-29B conversions to staff transports
	T-29C	Convair 240 for U.S.A.F. T-29B with engine change
	VT-29C	U.S.A.F. staff transport
	ET-29C	Special electronics version for U.S.A.F.
	T-29D	Convair 240 U.S.A.F. (No astrodomes)
	VT-29D	Staff transport version of T-29D for U.S.A.F.
Seabat & Seahorse		See Choctaw
Seageep	**VZ-8P(A)**	Marine version of Airgeep
Sea King	**SH-3A**	Sikorsky S-61 for U.S. Navy
	VH-3A	Special standby helicopters for U.S. Army and Marines
	RH-3A	Minesweeping version of SH-3A
	CH-3B	U.S.A.F. Passenger/cargo
	CH-3C	U.S.A.F. CH-3B with rear loading ramp
	SH-3D	Improved SH-3A
	HH-3E	Assault version

Popular Name	Designation	Remarks
Sea Knight (Vertol 107)	**CH-46A**	U.S. Marine Corps helicopter
	RH-46A	CH-46A for U.S. Navy
	CH-46B	U.S.A.F. replenishment use
	CH-46C	U.S. Army cargo helicopter
	CH-46D	Naval version with increased power
	UH-46A	U.S. Navy aerial replenishment version
	UH-46D	Naval version with improved power
Seasprite	**UH-2A**	Kaman helicopter for U.S. Navy
	UH-2B	U.S. Navy version less auxiliary tanks
	UH-2C	Twin-engined. 124 UH-2A/B to be converted
Sea Stallion	**CH-53A**	U.S. Marine Corps. 160 ordered
	HH-53B	Version with air refuelling probe. Aerospace rescue and recovery missions
Seastar	**T-1A**	U.S. Navy basic T-33
Seminole	**U-8D**	Beech E-50 Twin Bonanza, U.S. Army
	RU-8D	Version with SLAR for U.S. Army
	U-8E	Beechcraft D-50 for U.S. Army
	U-8F	Beech 65 Queen Air for U.S. Army
	NU-8F	Turbo-powered U-8F
Shawnee or Workhorse	**CH-21A**	Piasecki (Vertol) model for U.S.A.F. as Workhorse cargo helicopter
	CH-21B	Support/assault helicopter, Workhorse of U.S.A.F., Shawnee of U.S. Army
	HH-21B	CH-21B modified for search and rescue for U.S.A.F. as Workhorse
	CH-21C	Cargo/passenger version. Workhorse of U.S.A.F., Shawnee of Army
	CH-21B	U.S.A.F. improved version
	HH-21B	U.S.A.F. rescue version
	CH-21C	U.S. Army version
Sikorsky S-61 (see Sea King	**CH-3B**	U.S.A.F. passenger cargo helicopter
	CH-3C	U.S.A.F. CH-3B with rear loading ramp
Sioux	**OH-13E**	Bell 47G for U.S. Army
	OH-13G	U.S. Army (improved stability)
	OH-13H	U.S. Army, OH-13G with engine change
	UH-13H	U.S.A.F. utility. 3 crew
	UH-13J	U.S.A.F. 4 crew. Larger diameter rotor
	OH-13K	Bell 47G-3 liaison/training helicopter of U.S. Army, similar to British Army model
	TH-13L	U.S. Navy version. 2 crew
	TH-13M	U.S. Navy trainer. Instructor/pupil only
	TH-13N	U.S. Navy trainer with engine change
	UH-13P	U.S. Navy four-seat version
	HH-13Q	U.S. Coast Guard search/rescue version
	UH-13R	U.S. Navy, turbine-engined
	OH-13S	OH-13H modified for U.S. Army. Tail boom extended
	OH-13T	U.S. Army instrument trainer, similar to OH-13S
Skycrane	**CH-54A**	Sikorsky S-64A for U.S. Army

Popular Name	Designation	Remarks
Skyhawk	**A-4A**	U.S. Navy initial version
	A-4B	U.S. and Argentine Navy with modified rudder and in-flight refuelling
	A-4C	U.S. Navy version with longer radar nose for all-weather attack
	A-4E	U.S. Navy developed version. Extra wing rack stations
	TA-4E	Two-seat advanced trainer with revised canopy and extended nose
	TA-4F	Advanced trainer
Skyknight	**EF-10B**	U.S. Marine Corps electronic counter-measures aircraft
	TF-10B	U.S. Navy/Marine Corps all-weather fighter trainer
Skymaster	**C-54A**	DC-4 for U.S.A.F.
	C-54D	U.S.A.F. Engine and fuel supply modifications
	EC-54D	U.S.A.F. M.A.T.S. communications service
	HC-54D	U.S.A.F. rescue service
	TC-54D	U.S.A.F. trainer
	VC-54D	U.S.A.F. staff transport
	C-54E	U.S.A.F. version with increased payload
	C-54G	U.S.A.F. C-54E with external cargo provisions
	VC-54G	U.S.A.F. staff transport
	C-54M	U.S.A.F. stripped versions for freight carrying
	VC-54N	Administrative version
	C-54P	Freight transport with modified tanks
	VC-54P	Administrative version of C-54P
	C-54Q	Improved C-54P for freight carrying
	VC-54Q	Administrative version of C-54Q
	C-54R	Personnel transport
	C-54S	Revised electronics
	VC-54S	Administrative version of C-54S
	C-54T	Personnel transport
	EC-54U	U.S. Coast Guard variants of the Skymaster
	RC-54V	
Skyraider	**A-1E**	Operational in COIN roles by U.S.A.F. Multiplex version
	EA-1E	U.S. Navy and Marine Corps variants for early warning or counter-measures missions
	EA-1F	
	A-1G	Night attack version
	A-1H	Single-seat attack version. Operational in COIN role
	A-1J	Strengthened version of A-1H
Skyray	**F-6A**	U.S. Navy fighter, now relegated to Reserve
Skywarrior	**A-3A**	Attack aircraft, initial version for U.S. Navy
	EA-3A	Electronic counter-measures variant
	A-3B	Standard heavy attack or mining version
	EA-3B	Counter-measures equipped
	RA-3B	Photo-reconnaissance
	TA-3B	Bombing and navigational trainer
	VA-3B	Limited transport
Starfighter	**F-104A**	Lockheed single-seat fighter
	CF-104A	Canadian-built Starfighter (CF-104)
	QF-104A	U.S.A.F. supersonic target

U.S. Navy and Marine Corps variants

Popular Name	Designation	Remarks
Starfighter (continued)		
	F-104B	Two-seat fighter for Air National Guard
	F-104C	U.S.A.F. and export fighter-bomber
	F-104D	U.S.A.F. two-seat version of F-104C
	CF-104D	14 F-104D's for R.C.A.F.
	F-104F	Basic F-104D for Western Germany
	F-104G	European production multi-mission single-seat version
	RF-104G	Export version of F-104G with modified electronics
	TF-104G	Two-seat trainer for export and U.S.A.F.
	F-104J	For Japan Air Self-Defence Force, basic F-104G
	TF-104J	Two-seat version of F-104J
Starlifter	**C-141A**	Lockheed 301 for U.S.A.F.
Stratofortress	**B-52A**	U.S.A.F. Initial Boeing production (High fin versions)
	B-52B	U.S.A.F. (engine change) (High fin versions)
	B-52C	U.S.A.F. (larger underwing tanks) (High fin versions)
	B-52D	U.S.A.F. long range version (High fin versions)
	B-52E	U.S.A.F. improved version (High fin versions)
	B-52F	U.S.A.F. redesigned version (Shortened fin versions)
	B-52G	U.S.A.F. Hound Dog missile carrier (Shortened fin versions)
	B-52H	U.S.A.F. improved version (Shortened fin versions)
Stratofreighter/ Stratocruiser	**C-97A**	Boeing cargo transport for U.S.A.F. as Stratofreighter
	C-97C	U.S.A.F. Stratofreighter medical evacuation version
	C-97D	U.S.A.F. Stratocruiser with pressurised cabin
	HC-97D	U.S.A.F. rescue service Stratocruiser
	VC-97D	U.S.A.F. mobile command posts
	C-97F	U.S.A.F. special loads version of Stratofreighter
	KC-97F	U.S.A.F. tanker version of Stratofreighter
	C-97G	KC-97G modified for cargo work for Air National Guard as Stratofreighter
	KC-97G	U.S.A.F. Stratofreighter; as KC-97F but with wing drop tanks and refinements
	KC-97J	Stratofreighter with jet engine pods and additional equipment
	C-97K	U.S.A.F. Strategic Air Command Stratocruiser
	KC-97L	KC-97L Stratofreighter modified for Air National Guard
Stratojet	**B-47B**	First major production version for U.S.A.F.
	DB-47B	U.S.A.F. drone tests
	TB-47B	U.S.A.F. crew trainers
	WB-47B	U.S.A.F. weather reconnaissance version
	B-47E	U.S.A.F. improved version
	EB-47E	U.S.A.F. special mission version
	QB-47E	Drone control version
	RB-47E	U.S.A.F. version with cameras and lengthened nose

Popular Name	Designation	Remarks
Stratojet (continued)		
	EB-47H	U.S.A.F. crew trainer in electronics
	RB-47H	U.S.A.F. (additional radomes)
	RB-47K	U.S.A.F. converted B-47Es
	EB-47L	U.S.A.F. special project
Stratolifter/ Stratotanker/ Stratoliner	**C-135A**	U.S.A.F. Stratolifter
	EC-135A	U.S.A.F. Airborne Command Post
	RC-135A	U.S.A.F. Stratotanker. Progenitor of Boeing 707 series
	RC-135A	M.A.T.S. Air charting version
	C-135B	U.S.A.F. C-135A Stratolifter with engine change
	RC-135B	U.S.A.F. C-135B with reconnaissance equipment
	WC-135B	C-135B modified for Air Weather Service
	EC-135C	KC-135A modified as command post or launch control centre
	RC-135D	RC-135A modified
	RC-135E	C-135B modified
	C-135F	12 RC-135A for French Air Force
	EC-135G	Modifications of earlier models for U.S.A.F.
	EC-135H	Modifications of earlier models for U.S.A.F.
	EC-135J	Modifications of earlier models for U.S.A.F.
	EC-135K	Modifications of earlier models for U.S.A.F.
	EC-135N	Conversion of earlier models as airborne Apollo communications centres
	VC-137A	U.S.A.F. Stratoliner
	VC-137B	U.S.A.F. Stratoliner with turbofan engines
Super Constellation		See Constellation
Super Courier	**U-10A**	Helio H-395 for U.S.A.F. COIN role and U.S. Army
	U-10B	Long-range version
	U-10C	Liaison version. Helio H-380
Super Dakota (Skytrain in U.S. service)	**C-117A**	U.S.A.F. transport Dakota
	VC-117A	U.S.A.F. staff transport
	C-117B	U.S.A.F. C-117A with engine change
	VC-117B	U.S.A.F. staff transport
	C-117C	Non-standard C-47s redesignated
	C-117D	U.S. Navy, redesigned version
	LC-117D	U.S. Navy, polar use with wheel/ski gear
	TC-117D	U.S. Navy navigational trainer
	VC-117D	U.S. Navy administrative operations
Super Sabre	**F-100A**	North American single-seat fighter, U.S.A.F.
	F-100C	U.S.A.F. fighter bomber
	DF-100C	U.S.A.F. director version
	F-100D	U.S.A.F. version with enlarged fin etc.
	F-100F	U.S.A.F. combat trainer (two-seat version)
	DF-100F	U.S.A.F. director version
Talon	**T-38A**	Northrop N-156T for U.S.A.F.
Thunderchief	**F-105B**	Republic single-seat fighter bomber for U.S.A.F.
	F-105D	U.S.A.F. all-weather single-seat fighter
	F-105F	U.S.A.F. tactical fighter/ trainer (two-seat)
Thunderflash	**RF-84F**	U.S.A.F. and export use
	RF-84K	F-84F modified
Thunderjet	**F-84G**	U.S.A.F. and export use

Popular Name	Designation	Remarks
Thunderstreak	**F-84F**	U.S.A.F. and export use
Tiger	**F-11A**	Advanced trainer
	F-11B	Experimental engine
Tracer	**E-1B**	U.S. Navy early warning
Tracker	**S-2A**	Grumman G-89 for U.S. Navy and export
	TS-2A	Training version, less ASW systems
	US-2A	Limited utility version
	US-2B	Utility version of S-2A/S-2F
	S-2C	U.S. Navy (increased tail surfaces)
	RS-2C	U.S. Navy version adapted for photography
	US-2C	Target-tug version
	S-2D	U.S. Navy (increased wing span)
	S-2E	U.S. Navy (additional electronics)
	S-2F	U.S. Navy (improved anti-submarine equipment)
Trader	**C-1A**	Transport version of Tracker, U.S. Navy
Trader (continued)		
	EC-1A	U.S. Navy (electronic counter-measures)
Trojan	**T-28A**	U.S.A.F. and Navy trainer
	T-28B	U.S.A.F. and Navy basic trainer
	DT-28B	U.S. Navy target control version
	T-28C	U.S. Navy for carrier use
	T-28D	Also named Nomad
	T-28E	U.S.A.F. COIN role
	T-28R1	6 modified for Brazilian Navy as Nomair
	T-28R2	Civil Nomair model
Vigilante	**A-5A**	Attack bomber for U.S. Navy
	RA-5C	Specially equipped A-5C
Voodoo	**CF-101**	R.C.A.F. version
	F-101A	Initial U.S.A.F. version
	TF-101B	U.S.A.F. (modified nose)
	F-101C	U.S.A.F. (strengthened wing)
	RF-101C	U.S.A.F. (modified nose)
	F-101F }	U.S.A.F. Post-production
	TF-101F }	modifications

SOLUTIONS TO TESTS AND EXERCISES

Page 312

A-4 SKYHAWK

All targets are of **Skyhawks** except Nos. 10, 21 and 32 which are jokers. The full list of designations, as far as can be ascertained, are as follows:

1 TA-4E Skyhawk
2 A-4 Skyhawk
3 A-4 Skyhawk
4 TA-4E (USMC)
5 A-4E Skyhawks
6 A-4E Skyhawk
7 A-4 Skyhawk
8 A-4B Skyhawk
9 TA-4 Skyhawk
10 F-6A Skyray (joker)
11 A-4 Skyhawk
12 TA-4 Skyhawk
13 A-4 Skyhawk
14 A-4 Skyhawks refuelling F-8 Crusaders
15 A-4 Skyhawk
16 A-4 Skyhawk
17 A-4 Skyhawk
18 A-4B Skyhawk
19 A-4 Skyhawk
20 A-4E Skyhawks
21 Mirage III (joker)
22 A-4 Skyhawks
23 A-4 Skyhawk
24 A-4 Skyhawk
25 A-4 Skyhawk
26 A-4B Skyhawk
27 TA-4 Skyhawk
28 TA-4 Skyhawk
29 A-4 Skyhawk
30 A-4 Skyhawks
31 A-4C Skyhawks
32 F-102 Delta Daggers (jokers)
33 A-4 Skyhawk
34 TA-4 Skyhawk
35 A-4 Skyhawk
36 A-4C Skyhawk*
37 A-4E Skyhawk
38 A-4 Skyhawk

* A-4 Skyhawks and F-8 Crusader tails in background

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ANDOVER

All targets are of **Andovers** (HS748 series) except as follows:
No. 11 Herald, No. 16 Crate, No. 37 Convair Liner.

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SIOUX

All targets are of **Sioux** type helicopters (Bell 47D/G models) except as follows:
No. 10 Alouette II, No. 29 Scout A.H.1, No. 42 Hiller.

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H.M.S. FEARLESS

All targets are of **H.M.S. Fearless** except Nos. 16 and 37 which are of the helicopter ship **H.M.S. Lofoten**.

November 1965

WHAT WAS IT?

The famous bomber was a **Handley Page Halifax** of which 6,176 were built for the R.A.F.

Cover Photo: Alouette III helicopters of the Royal Netherlands Air Force.

CORRECTIONS TO VOLUME No. 21, 1966

Edition	Page	Feature	Correction
February	37	Junak	Target No. 8 is a Zlin, not a Junak.
	41	Warship Test	Target No. 15 is of the Rhein Class.
April	96	Harke	Target No. 35 is a Hook.
July	177	Falcon	Target No. 16 is an HS125 (Dominie)
August	224	Tail Test	Wessex (first tail) was excluded from solution.
	203	Super Frelon	Target No. 21 is an SA330.
September	227	Editorial	Caption: For Tempest read Typhoon.
	231	Testing Time	Target No. 27 is a Trident not VC10.
October	265	Soviet F Class	Penultimate target incorrectly given as joker.

INDEX TO VOLUME 21

The following key will facilitate the tracing of references in the Index:

Pages	*Month*	*Pages*	*Month*	*Pages*	*Month*	*Pages*	*Month*
1–28	**JANUARY**	**85–112**	**APRIL**	**169–196**	**JULY**	**253–280**	**OCTOBER**
29–56	**FEBRUARY**	**113–140**	**MAY**	**197–224**	**AUGUST**	**281–308**	**NOVEMBER**
57–84	**MARCH**	**141–168**	**JUNE**	**225–252**	**SEPTEMBER**	**309–336**	**DECEMBER**

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Printed for Her Majesty's Stationery Office by William Clowes & Sons, Limited, London and Beccles. 149158. 19,500. 12/66