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FM 30-39

WAR DEPARTMENT

BASIC FIELD MANUAL

MILITARY INTELLIGENCE
IDENTIFICATION OF ITALIAN AIRCRAFT

October 24, 1941

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FM 30-39

BASIC FIELD MANUAL

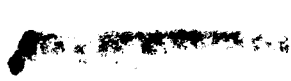
MILITARY INTELLIGENCE

IDENTIFICATION OF ITALIAN AIRCRAFT

Prepared under direction of the
Chief of Staff



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WASHINGTON : 1941



WAR DEPARTMENT,
WASHINGTON, October 24, 1941.

FM 30-39, Military Intelligence, Identification of Italian Aircraft, is published for the information and guidance of all concerned.

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BY ORDER OF THE SECRETARY OF WAR:

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(For explanation of symbol see FM 21-6.)

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FM 30–39

BASIC FIELD MANUAL

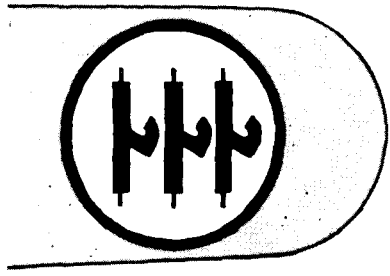
MILITARY INTELLIGENCE

IDENTIFICATION OF ITALIAN AIRCRAFT

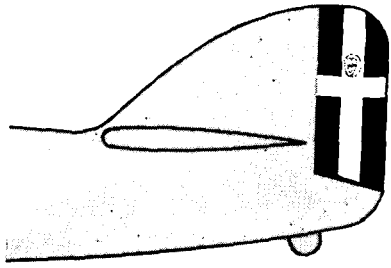
The material contained in this manual has been secured from many sources. It is the best material available but may be incomplete and, in some respects, inaccurate.

This manual containing illustrations with explanatory data relative to Italian aircraft is published for limited distribution. It will be used for instruction of officers and men in appearance and general characteristics of Italian aircraft.

The Italian airplane markings are as shown below:



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Tail

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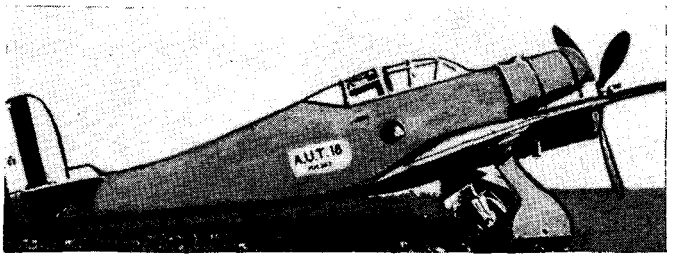
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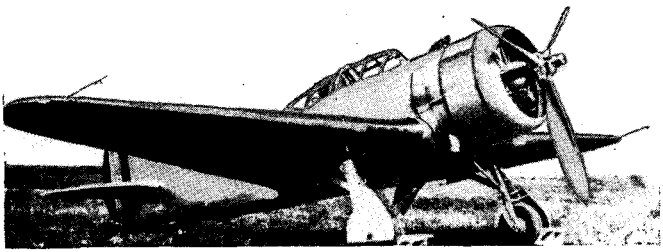
ROYAL ITALIAN AIR FORCE



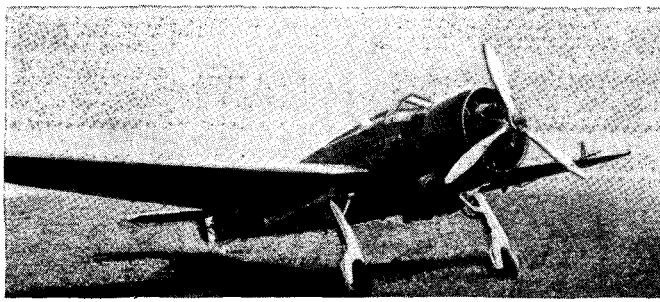
A. U. T. 18 (UMBRA)

Description:	Round tip, tapered, slightly dihedral, low-wing monoplane. All metal, single motor, enclosed cockpit, blunt nose, retractable landing gear.
Crew:	1.
Armament:	2 medium caliber machine guns in fuselage.
Ammunition:	
Bomb load:	
Radio:	
Armor:	
Motors:	1 Fiat A 80 RC. 41, 1,000 horsepower.
Maximum speed:	304 miles per hour.
Rate of climb:	
Service ceiling:	
Maximum range:	
Wing span:	38 feet.

Fighter
A. U. T. 18 (UMBRA)



ROYAL ITALIAN AIR FORCE



BREDA 64 FIGHTER

Description: Round tip, tapered, slightly dihedral, low-wing monoplane. All metal, single motor, enclosed cockpit, blunt nose, retractable landing gear.

Crew: 2.

Armament:

Ammunition:

Bomb load:

Radio:

Armor:

Motors:

Maximum speed:

Rate of climb:

Service ceiling:

Maximum range:

Wing span:

Fighter
BREDA 64

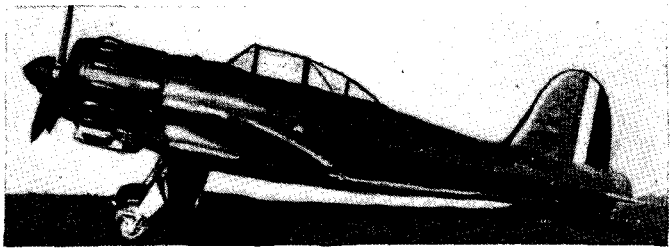
ROYAL ITALIAN
AIR FORCE

CAPRONI CA 165

Description:	
Crew:	
Armament:	
Ammunition:	
Bomb load:	
Radio:	
Armor:	
Motors:	One 900 horsepower.
Maximum speed:	280 miles per hour.
Rate of climb:	23,000 in 8.2 minutes.
Service ceiling:	32,800 feet.
Maximum range:	
Wing span:	

Fighter
CAPRONI CA 165

ROYAL ITALIAN
AIR FORCE



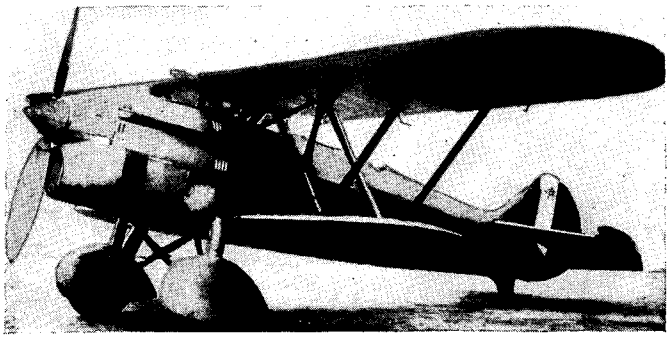
CAPRONI VIZZOLA S. A. F. 5

Description:	Low-wing monoplane. All metal fuselage, wood wings, enclosed cockpit, single motor, fairly long blunt nose, retractable landing gear.
Crew:	1.
Armament:	2 medium caliber machine guns in sides of fuselage firing through propeller.
Ammunition:	
Bomb load:	
Radio:	
Armor:	
Motors:	1 Fiat A. 74 RC. 38, 840 horsepower.
Maximum speed:	
Rate of climb:	19,680 feet in 6.3 minutes.
Service ceiling:	31,160 feet.
Range:	373–620 miles.
Wing span:	37 feet.

Fighter

CAPRONI VIZZOLA S. A. F. 5

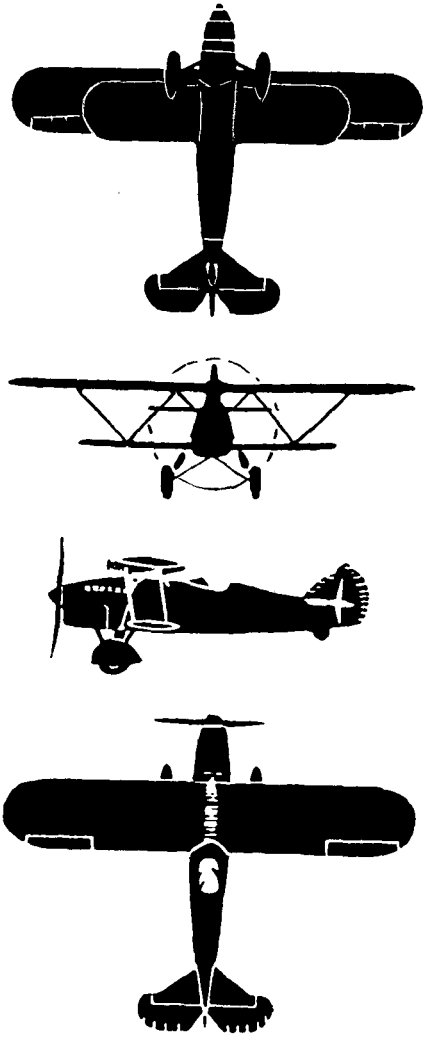
ROYAL ITALIAN AIR FORCE



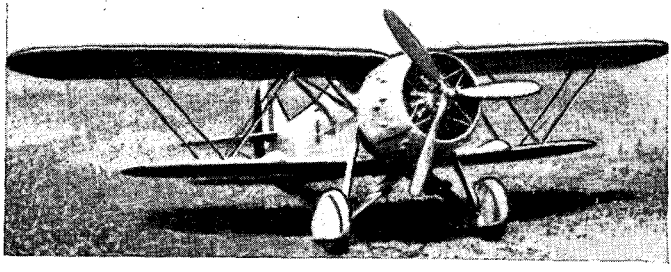
FIAT CR 32

Description:	Round tip, staggered, straight-wing biplane of unequal span. Pointed nose with cooling radiator beneath single motor. Fixed landing gear, open cockpit, fabric covered.
Crew:	1.
Armament:	2 Vickers machine guns in top cowling firing through propeller.
Ammunition:	
Bomb load:	
Radio:	
Armor:	
Motors:	1 Fiat A. 30 R.A., 550 horsepower.
Maximum speed:	242 miles per hour.
Rate of climb:	19,680 feet in 11 minutes.
Service ceiling:	26,240 feet.
Range:	525 miles.
Wing span:	29 feet.

Fighter
FIAT CR 32



ROYAL ITALIAN AIR FORCE

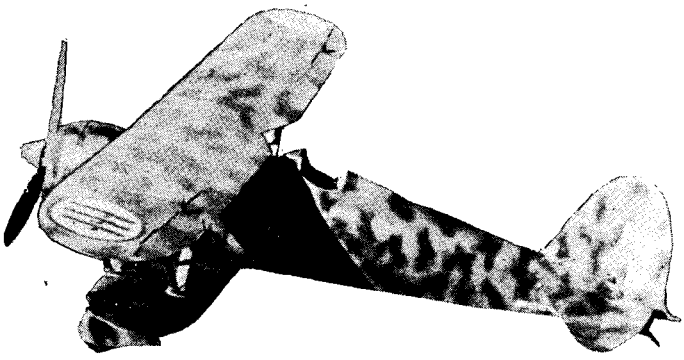


FIAT CR 41

Description:	Round tip, staggered-wing biplane of unequal span. Upper wing slightly gull wing. Single motor, blunt nose, open cockpit, fixed landing gear.
Crew:	1.
Armament:	
Ammunition:	
Bomb load:	
Radio:	
Armor:	
Motors:	1.
Maximum speed:	
Rate of climb:	
Service ceiling:	
Range:	
Wing span:	

Fighter
FIAT CR 41

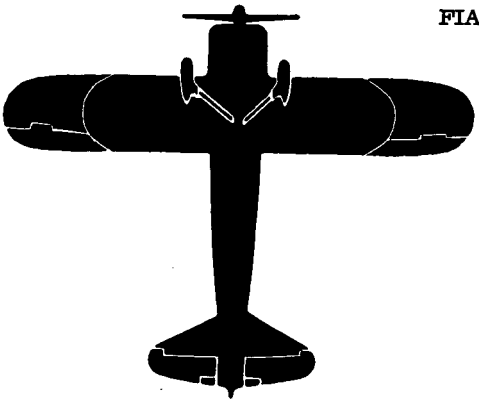
ROYAL ITALIAN AIR FORCE

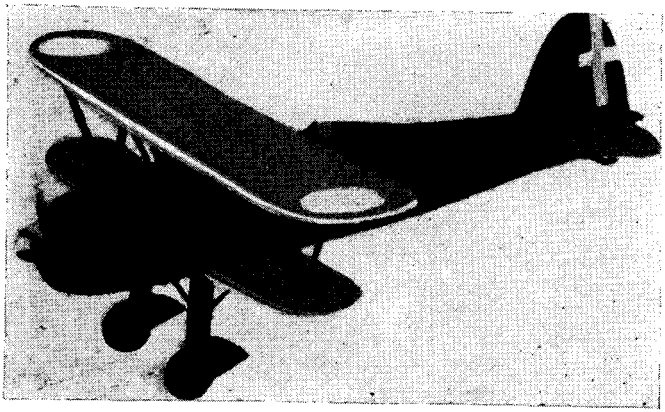


FIAT CR 42

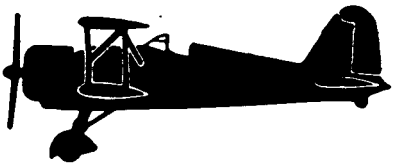
Description:	Round tip, straight-wing biplane of unequal span. Fuselage metaled forward, fabric aft. Fabric wings, single motor. Fairly long blunt nose, open cockpit, fixed landing gear.
Crew:	1.
Armament:	2 machine guns in fuselage firing through propeller.
Ammunition:	
Bomb load:	
Radio:	
Armor:	
Motors:	1 Fiat A. 74 R1C 38, 840 horsepower.
Maximum speed:	279 miles per hour.
Rate of climb:	19,680 feet in 7 minutes.
Service ceiling:	31,300 feet.
Range:	
Wing span:	31.9 feet.

Fighter
FIAT CR 42

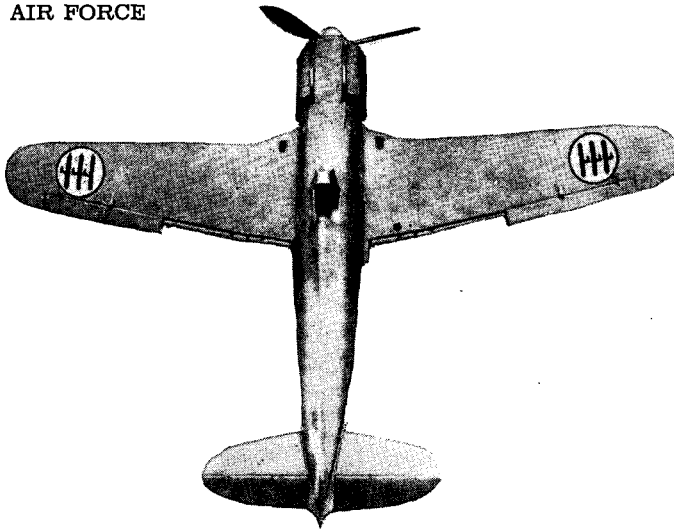








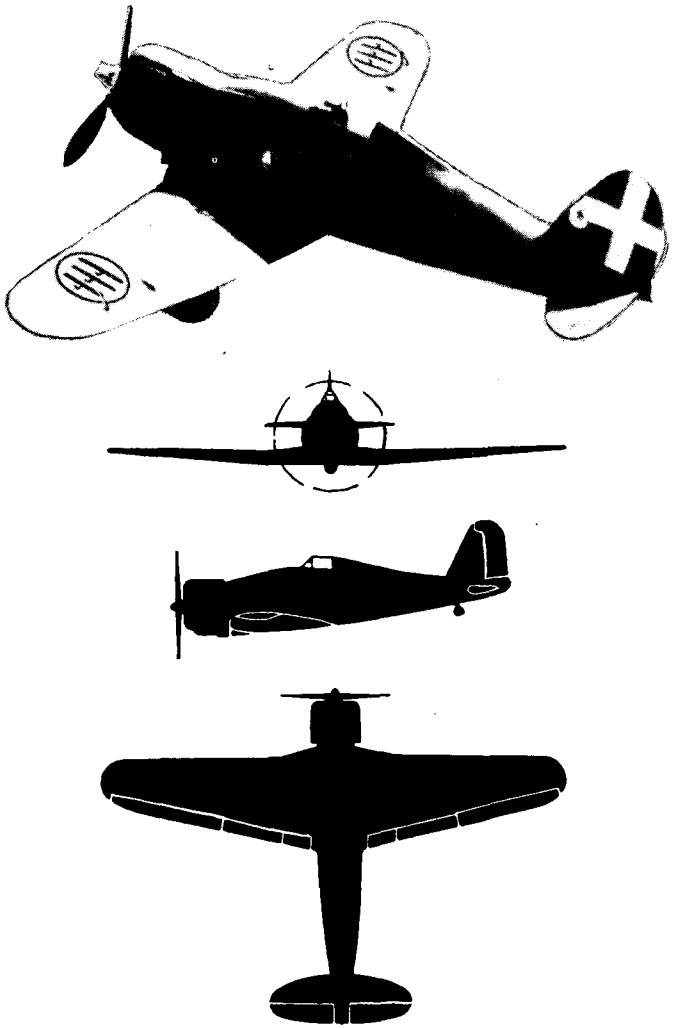
ROYAL ITALIAN
AIR FORCE



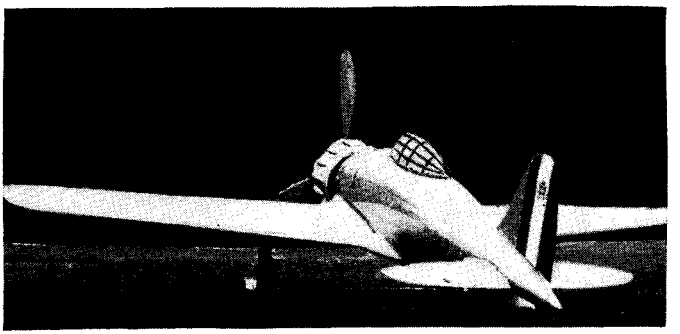
FIAT G 50

Description:	Round tip, very slight forward sweep, slightly dihedral, long-wing monoplane. All metal, single motor, enclosed cockpit, blunt nose, retractable landing gear.
Crew:	1.
Armament:	2 fixed machine guns in top of fuselage firing through propeller; 2 fixed in wings firing outside of propeller.
Ammunition:	
Bomb load:	36 3-kg or 144 1-kg bombs.
Radio:	
Armor:	
Motors:	1 Fiat A. 74 RC. 38, 840 horsepower.
Maximum speed:	299 miles per hour.
Rate of climb:	16,400 feet in 5.2 minutes.
Service ceiling:	35,430 feet.
Range:	435 miles.
Wing span:	35½ feet.

Fighter
FIAT G 50



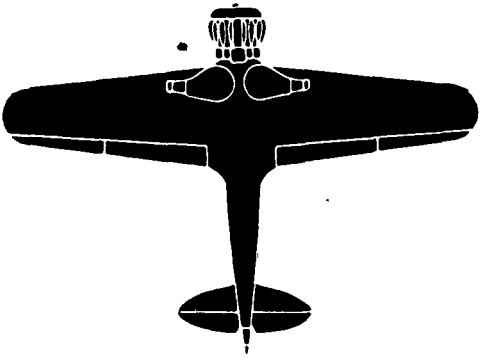
ROYAL ITALIAN AIR FORCE

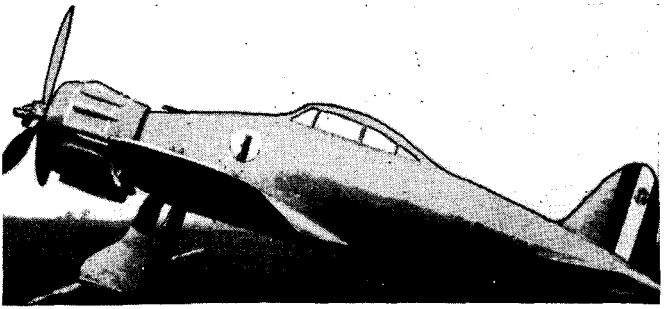


MACCHI C 200

Description:	Round tip, slightly swept-back, slightly dihedral, low-wing monoplane. All metal, single motor, enclosed cockpit, blunt nose, retractable landing gear.
Crew:	1.
Armament:	2 fixed machine guns in cowling firing through propeller.
Ammunition:	
Bomb load:	
Radio:	
Armor:	
Motors:	1 Fiat A. 74 RC. 38, 840 horsepower.
Maximum speed:	313 miles per hour.
Rate of climb:	19,680 feet in 6.5 minutes.
Service ceiling:	32,470 feet.
Range:	435 miles.
Wing span:	34⅔ feet.

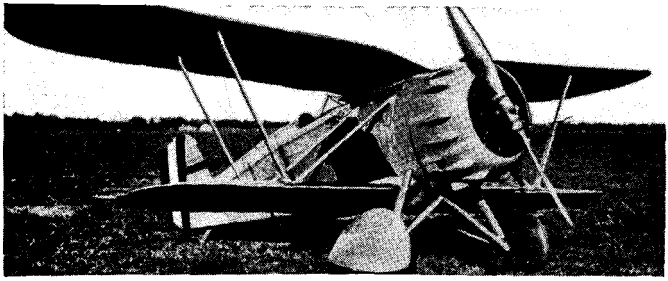
Fighter
MACCHI C 200







ROYAL ITALIAN AIR FORCE

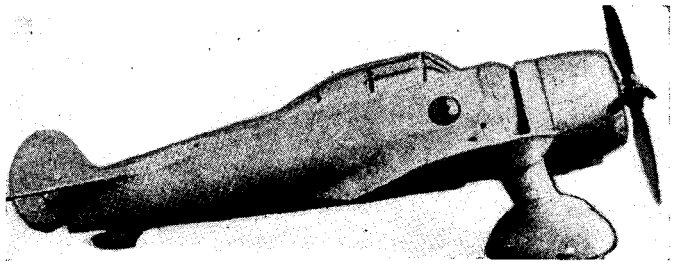


MERIDIONALI RO 41

Description:	Round tip biplane of unequal span. Upper wing slightly gull wing. Single motor. Blunt nose, open cockpit, fixed landing gear.
Crew:	1.
Armament:	2 Breda-Safat machine guns firing through propeller.
Ammunition:	
Bomb load:	
Radio:	
Armor:	
Motors:	1 Piaggio P. VII C. 45, 390 horsepower.
Maximum speed:	211 miles per hour.
Rate of climb:	19,800 feet in 8.5 minutes.
Service ceiling:	24,500 feet.
Range:	
Wing span:	29 feet.

Fighter
MERIDIONALI RO 41

ROYAL ITALIAN
AIR FORCE

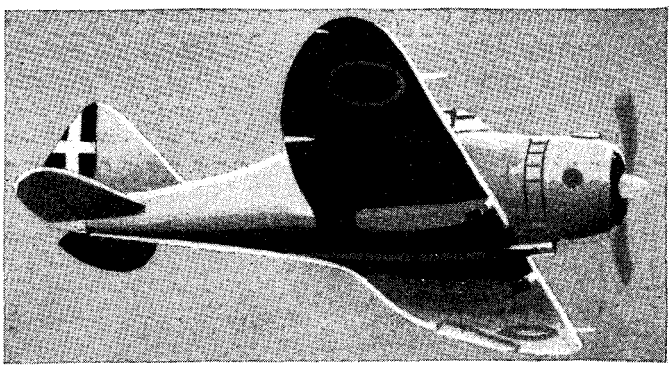


MERIDIONALI RO 51

Description:	Round tip, tapered, slightly dihedral, low-wing monoplane. Metal clad fuselage, single motor, fairly long blunt nose, enclosed cockpit, retractable landing gear.
Crew:	1.
Armament:	2 Breda-Safat heavy machine guns firing through propeller.
Ammunition:	
Bomb load:	
Radio:	
Armor:	
Motors:	1 Fiat A. 74 RC. 38, 840 horsepower.
Maximum speed:	317 miles per hour.
Rate of climb:	19,680 feet in 7 minutes.
Service ceiling:	
Range:	
Wing span:	32¼ feet.

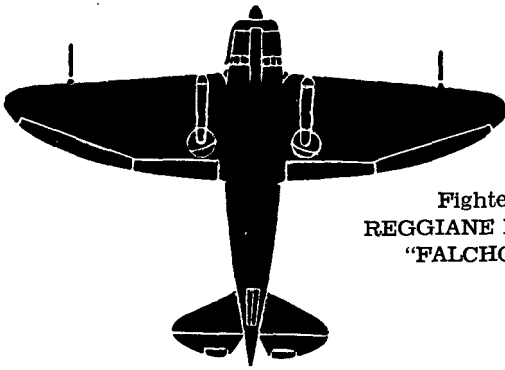
Fighter
MERIDIONALI RO 51

ROYAL ITALIAN AIR FORCE

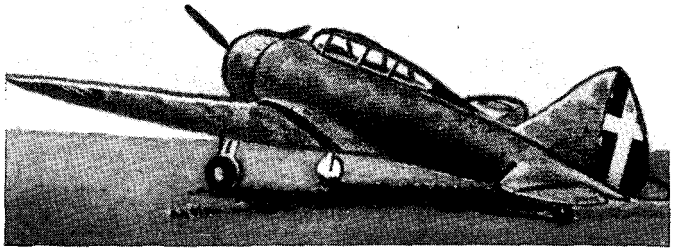


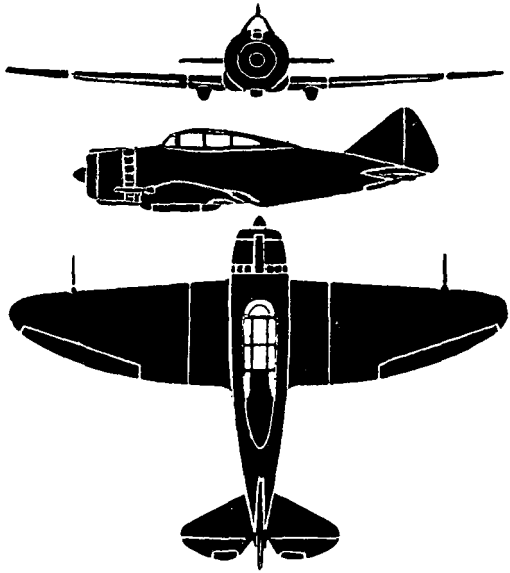
REGGIANE RE 2000 "FALCHO I"

Description:	Round tip, tapered, slightly dihedral, low-wing monoplane. All metal, single motor, blunt nose, enclosed cockpit, retractable landing gear.
Crew:	1.
Armament:	2 heavy machine guns mounted on the wings clear of the propeller.
Ammunition:	
Bomb load:	
Radio:	
Armor:	
Motors:	1 Fiat A. 80 RC. 41, 1,000 horsepower.
Maximum speed:	350 miles per hour (approximate).
Rate of climb:	19,680 feet in 6.3 minutes.
Service ceiling:	36,900 feet.
Range:	3 hours.
Wing span:	36¼ feet.

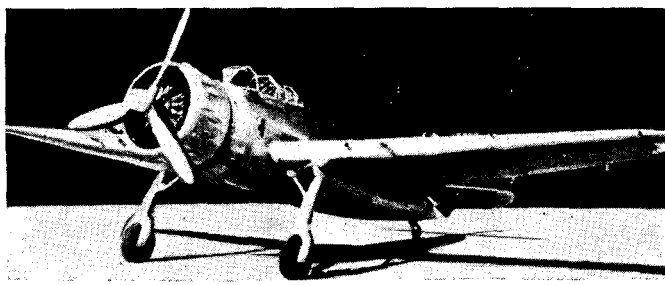


Fighter
REGGIANE RE 2000
"FALCHO I"





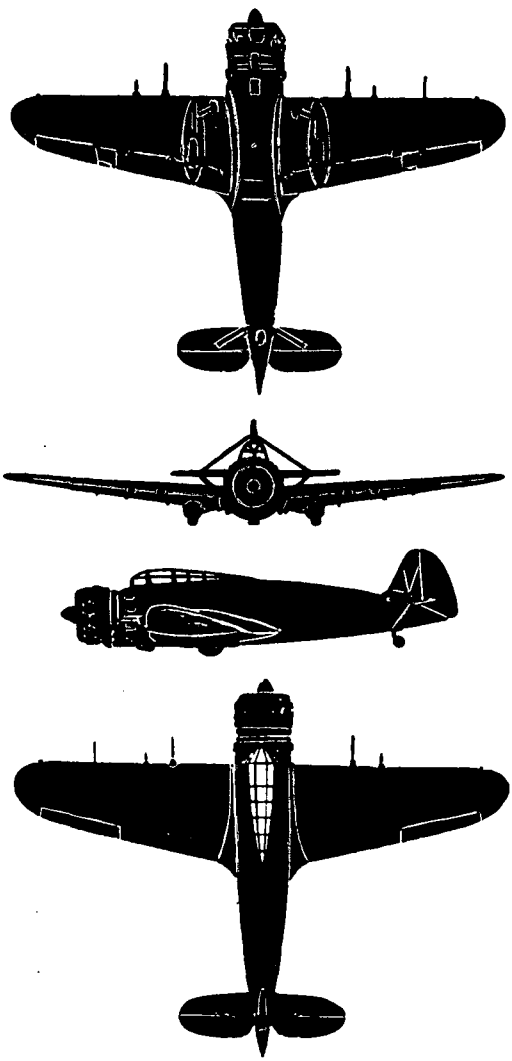
ROYAL ITALIAN AIR FORCE



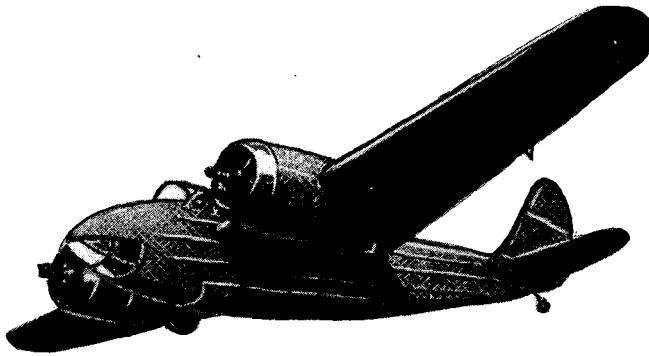
BREDA 65

Description:	Round tip, tapered, slightly dihedral, low-wing monoplane. All metal, single motor, enclosed cockpit, blunt nose, retractable landing gear.
Crew:	1 or 2.
Armament:	5 machine guns; 2 12-mm and 2 7.7-mm fixed on wings; 1 flexible in observer cockpit.
Ammunition:	
Bomb load:	160 light or 12 medium or 4 heavy.
Radio:	
Armor:	
Motors:	1 Piaggio P. XI RC. 40, 1,000 horsepower.
Maximum speed:	255 miles per hour.
Rate of climb:	1,380 feet per minute.
Service ceiling:	27,225 feet.
Range:	682 miles.
Wing span:	40 feet.

Fighter-Bomber
BREDA 65



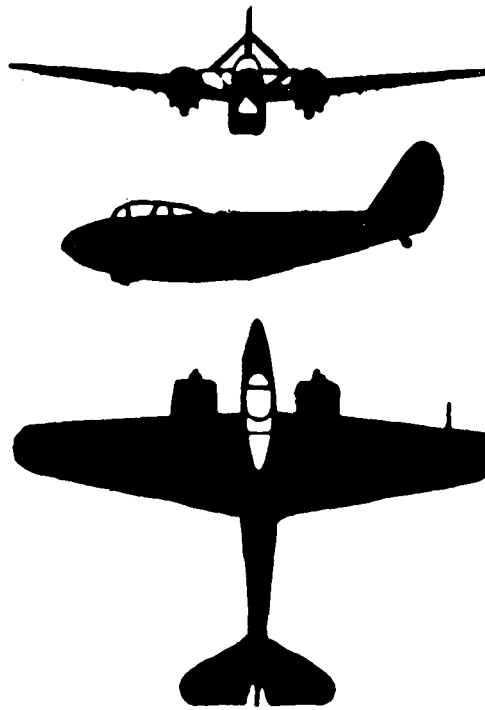
ROYAL ITALIAN AIR FORCE



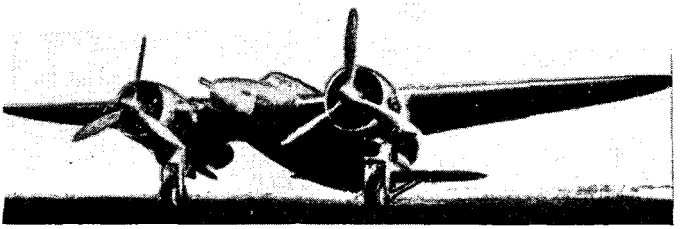
SAVOIA-MARCHETTI SM 85

Description:	Round tip, slightly tapered, midwing monoplane. All metal, twin motor, enclosed cockpit, long blunt engine nacelles under the wings, retractable landing gear.
Crew:	1.
Armament:	1 Breda-Safat machine gun in floor of cockpit.
Ammunition:	
Bomb load:	Bombs carried under fuselage.
Radio:	
Armor:	
Motors:	2 1,000 horsepower Piaggio air-cooled.
Maximum speed:	317 miles per hour.
Rate of climb:	
Service ceiling:	
Range:	
Wing span:	

Dive Bomber-Ground Attack
SAVOIA-MARCHETTI SM 85



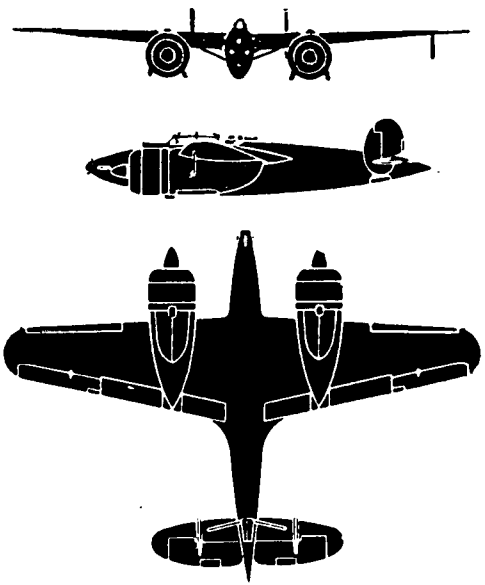
ROYAL ITALIAN AIR FORCE



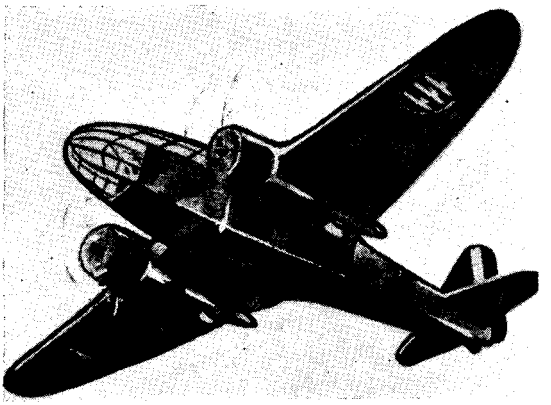
BREDA 88

Description:	Round tip, slightly swept-back, tapered, high-wing monoplane. All metal, twin motor, long blunt-nosed engine nacelles under wings, enclosed cockpit, retractable landing gear.
Crew:	2.
Armament:	2 fixed cannon, MA; 1 flexible gun in turret above wing.
Ammunition:	
Bomb load:	2,200 pounds.
Radio:	
Armor:	
Motors:	2 Piaggio XI. RC 40, 1,000 horsepower each.
Maximum speed:	352 miles per hour.
Rate of climb:	16,400 feet in 11 minutes.
Service ceiling:	26,000 feet.
Range:	1,120 miles.
Wing span:	51 feet.

Light Bomber
BREDA 88



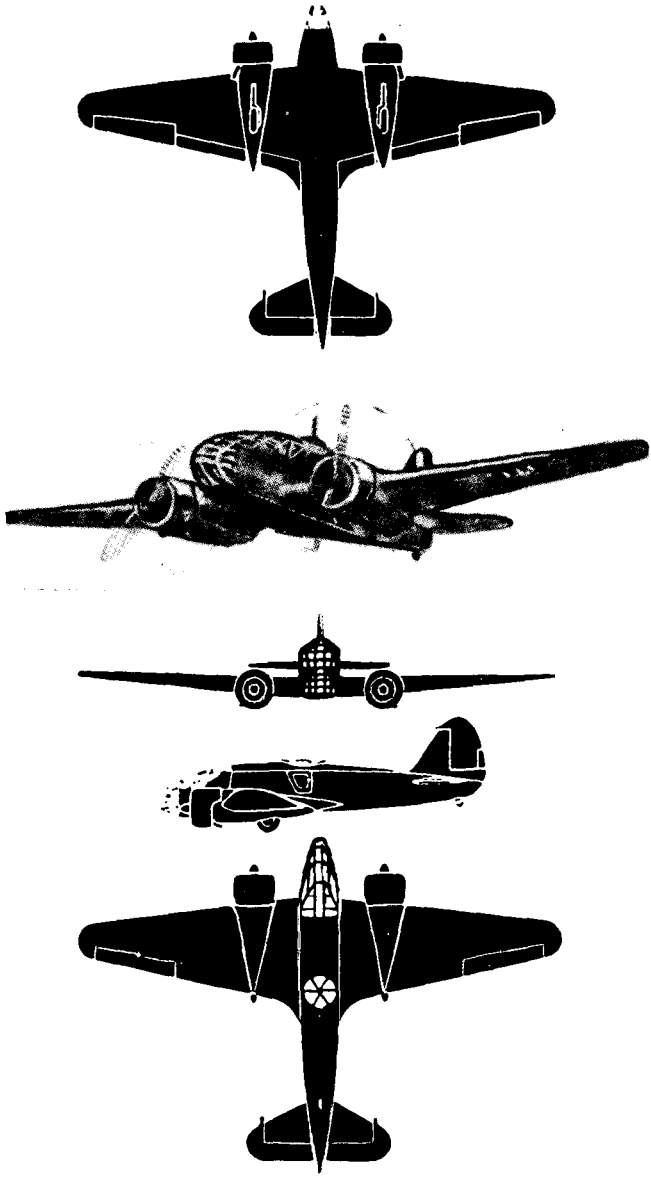
ROYAL ITALIAN
AIR FORCE



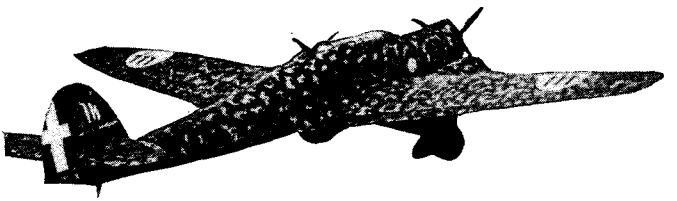
CAPRONI CA 311

Description:	Round tip, slightly swept-back, tapered, low-wing monoplane. Fabric covered, twin motor, blunt-nosed engine nacelles under wings, enclosed cockpit, retractable landing gear.
Crew:	3 or 4.
Armament:	1 fixed machine gun in left wing; 1 flexible in gun turret on top of fuselage.
Ammunition:	
Bomb load:	
Radio:	Two-way.
Armor:	
Motors:	2 Piaggio P. XVI, 700 horsepower each.
Maximum speed:	270 miles per hour.
Rate of climb:	
Service ceiling:	
Range:	
Wing span:	53 1/6 feet.

Light Bomber-Reconnaissance
CAPRONI CA 311



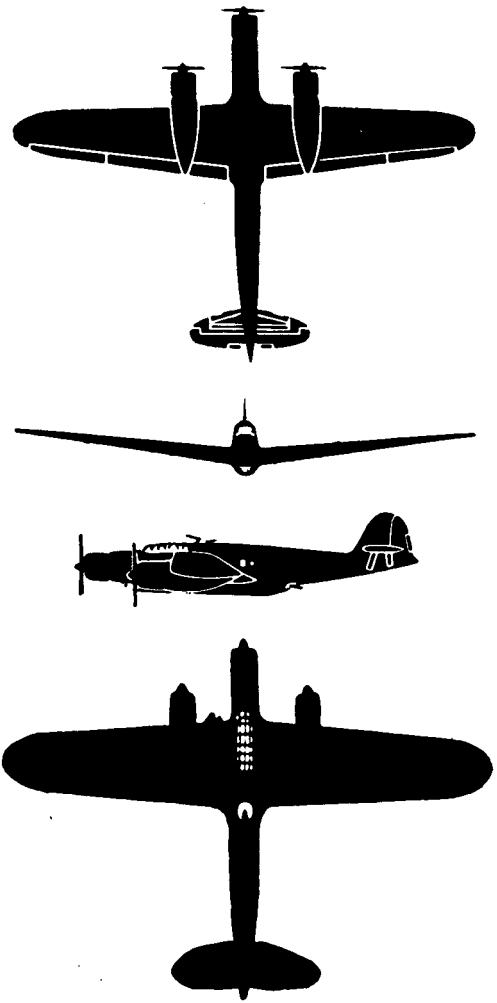
ROYAL ITALIAN AIR FORCE



CANT Z 1007 BIS

Description:	Round tip, tapered, dihedral, low-wing monoplane. Plywood fuselage, fabric wings, trimotor, long blunt nose, long blunt-nosed engine nacelles under wings, enclosed cockpit, retractable landing gear.
Crew:	5.
Armament:	4 machine guns; 3 above, 1 below fuselage.
Ammunition:	
Bomb load:	2,200 pounds.
Radio:	
Armor:	
Motors:	3 Piaggio P. XI RC. 40, 1,000 horsepower each.
Maximum speed:	280 miles per hour.
Rate of climb:	1,550 feet per minute.
Service ceiling:	26,200 feet.
Range:	1,372 miles.
Wing span:	81.3 feet.

Bomber
CANT Z 1007 BIS



ROYAL ITALIAN AIR FORCE

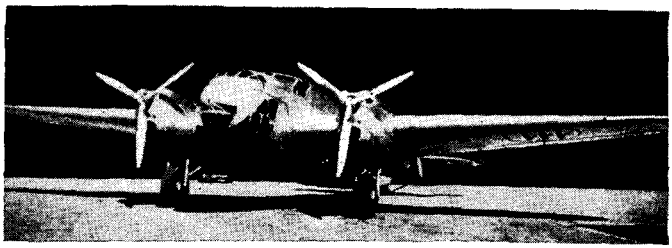


CANT Z 1011

Description:	Round tip; slightly dihedral, low-wing monoplane. Plywood construction, twin motor, long elliptical fuselage, engine nacelles above wing, enclosed, retractable landing gear. Twin rudders.
Crew:	5.
Armament:	4 machine guns in twin mountings, aft of wing, above and below fuselage.
Ammunition:	
Bomb load:	
Radio:	
Armor:	
Motors:	2 Isotta-Fraschini "Asso-XI R.C.," 840 horsepower each.
Maximum speed:	230 miles per hour.
Rate of climb:	16,400 feet in 19 minutes.
Service ceiling:	26,240 feet.
Range:	1,240 miles.
Wing span:	82 feet.

Bomber
CANT Z 1011

ROYAL ITALIAN AIR FORCE

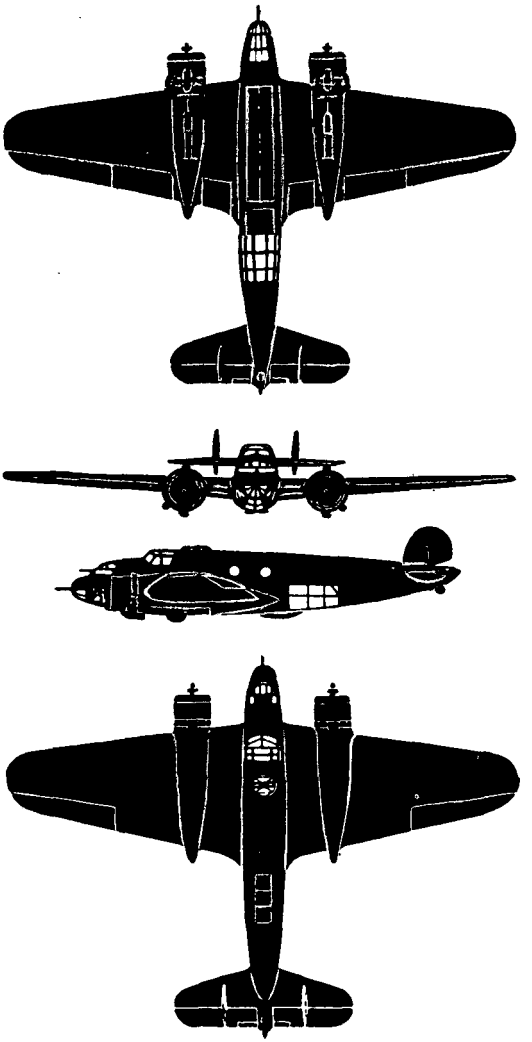


CAPRONI CA 135 BIS

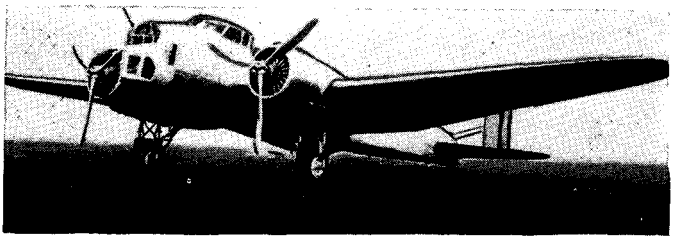
Description:	Round tip, slightly swept-back, tapered, mid-wing monoplane. Plywood wings, fabric fuselage, twin motor, long elliptical fuselage, long blunt-nosed engine nacelles set into wings, enclosed, transparent section near tail, retractable landing gear, twin fins and rudders.
Crew:	5.
Armament:	1 machine gun in nose with lateral traverse; 1 machine gun in retractable turret on top of fuselage; 1 machine gun under fuselage behind wings.
Ammunition:	
Bomb load:	1,760 pounds.
Radio:	
Armor:	
Motors:	2 Piaggio P. XI RC. 40, 1,000 horsepower each.
Maximum speed:	273 miles per hour.
Rate of climb:	Initially 1,435 feet per minute.
Service ceiling:	22,960 feet.
Range:	1,240 miles.
Wing span:	61⅔ feet.

Bomber

CAPRONI CA 135 BIS



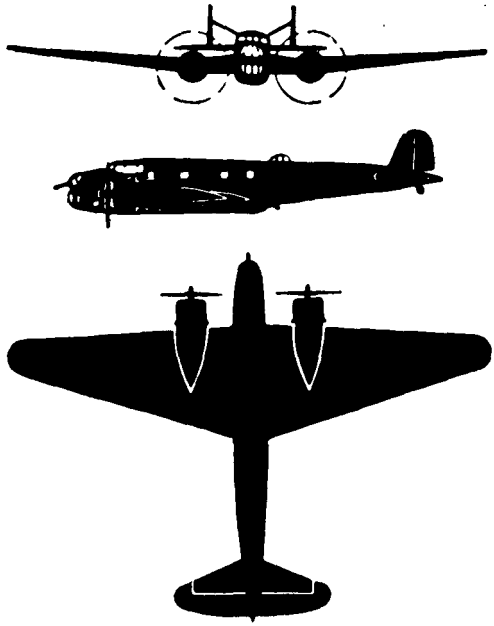
ROYAL ITALIAN AIR FORCE



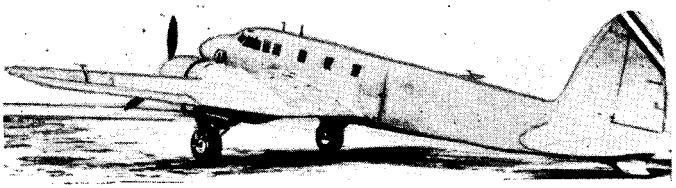
FIAT BR 20

Description:	Round tip, slightly swept-back, tapered, low-wing monoplane. Fabric, twin motor, long elliptical fuselage, blunt-nosed engine nacelles built into wings, enclosed, retractable landing gear, twin fins and rudders.
Crew:	4.
Armament:	1 machine gun in nose, 1 machine gun in retractable turret on top of fuselage; 1 machine gun at bottom at slight break in bottom line of fuselage.
Ammunition:	
Bomb load:	2,200 pounds.
Radio:	
Armor:	
Motors:	2 Fiat A 80 RC. 41, 1,000 horsepower each.
Maximum speed:	268 miles per hour.
Rate of climb:	19,680 feet in 22.5 minutes.
Service ceiling:	29,520 feet.
Maximum range:	1,863 miles.
Wing span:	70½ feet.

Bomber
FIAT BR 20



ROYAL ITALIAN AIR FORCE

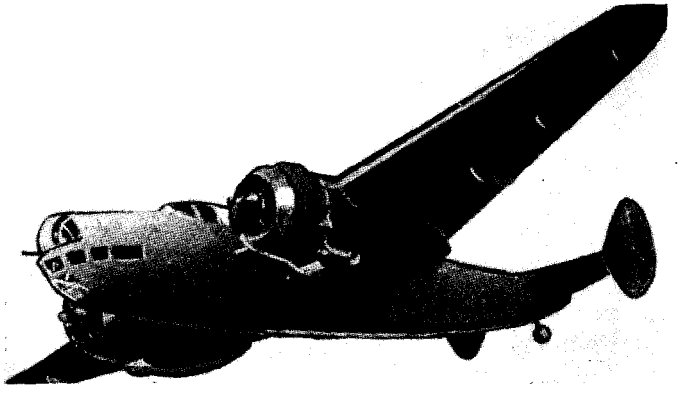


FIAT CR 25

Description:	Round tip, slightly swept-back, tapered, slightly negative dihedral low-wing monoplane. All metal, twin motor, long pointed nose, long blunt-nosed engine nacelles, set into wings, enclosed, retractable landing gear.
Crew:	3.
Armament:	2 fixed machine guns firing forward in nose; 1 machine gun in retractable turret on top of fuselage.
Ammunition:	
Bomb load:	
Radio:	
Armor:	
Motors:	2 Fiat A. 74 RC. 38, 840 horsepower each.
Maximum speed:	286 miles per hour.
Rate of climb:	19,680 feet in 12 minutes.
Service ceiling:	32,140 feet.
Range:	1,180 miles.
Wing span:	52 feet.

Bomber
FIAT CR 25

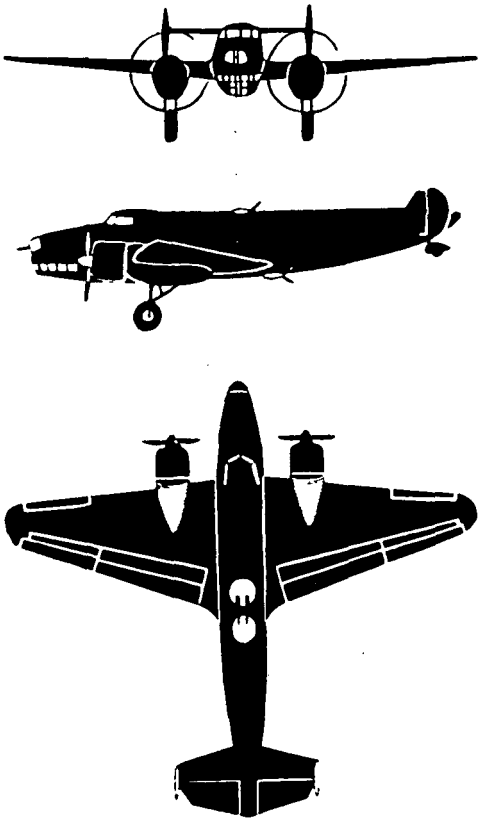
ROYAL ITALIAN
AIR FORCE



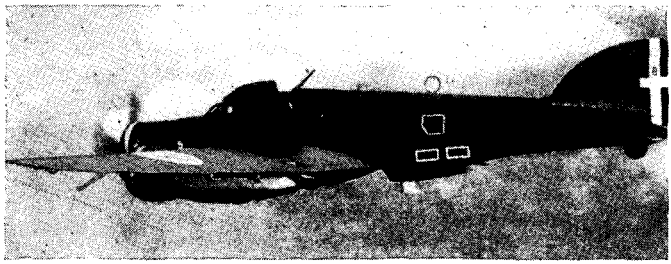
PIAGGIO P 32 MK II

Description:	Round tip, tapered, dihedral, midwing monoplane. Plywood structure, long elliptical nose, twin motor, blunt-nosed engine nacelles below wings, enclosed, retractable landing gear, twin fins and rudders.
Crew:	3.
Armament:	5 machine guns in turrets above and below fuselage.
Ammunition:	
Bomb load:	3,520 pounds.
Radio:	
Armor:	
Motors:	2 Piaggio P. XI RC. 40, 1,020 horsepower each.
Maximum speed:	264 miles per hour.
Rate of climb:	13,120 feet in 15 minutes.
Service ceiling:	26,240 feet.
Range:	1,875 miles.
Wing span:	59 feet.

Bomber
PIAGGIO P 32 MK II



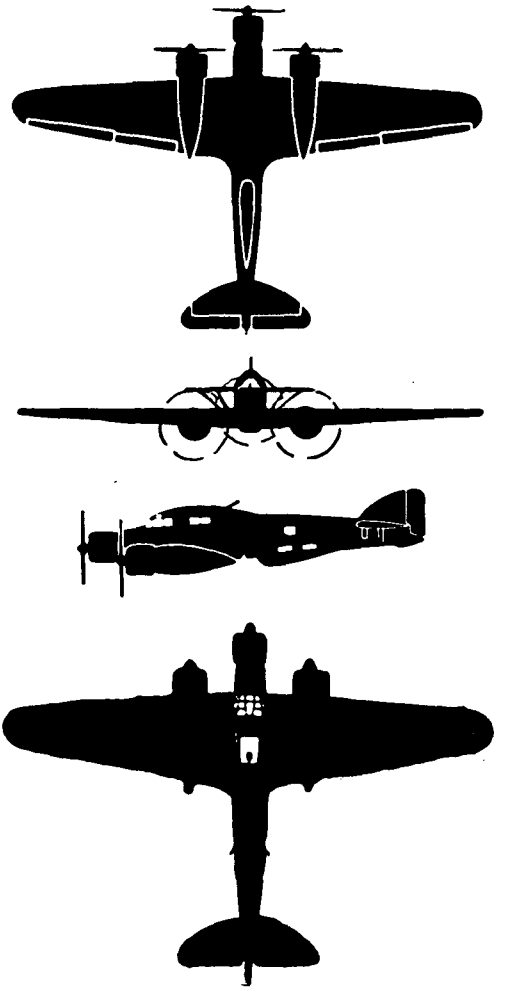
ROYAL ITALIAN AIR FORCE



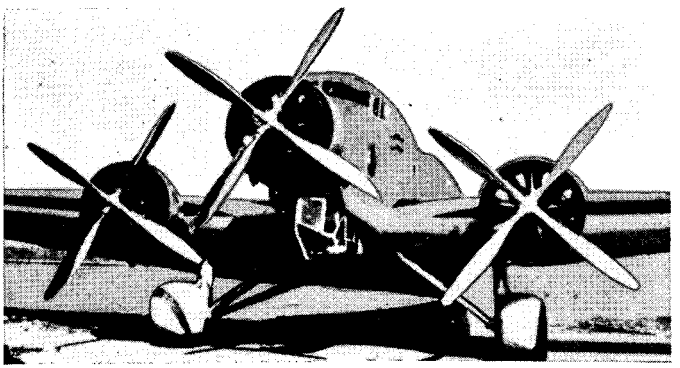
SAVOIA MARCHETTI SM 79

Description:	Round tip, slightly swept-back, tapered, straight, low-wing monoplane. Front part of fuselage only metaled, rest plywood and fabric construction, enclosed, trimotor, long blunt-nosed fuselage, engine nacelles below wings, retractable landing gear.
Crew:	4.
Armament:	1 machine gun firing forward; 2 machine guns on movable mounts, 1 above and 1 below fuselage behind wings; 1 machine gun on sliding mount inside rear portion fuselage.
Ammunition:	
Bomb load:	2,200 pounds.
Radio:	
Armor:	
Motors:	3 Piaggio P. XI RC. 40, 1,000 horsepower each.
Maximum speed:	295 miles per hour.
Rate of climb:	16,400 feet in 19.75 minutes.
Service ceiling:	27,880 feet.
Range:	1,240 miles.
Wing span:	66¼ feet.

Bomber-Reconnaissance
SAVOIA MARCHETTI SM 79



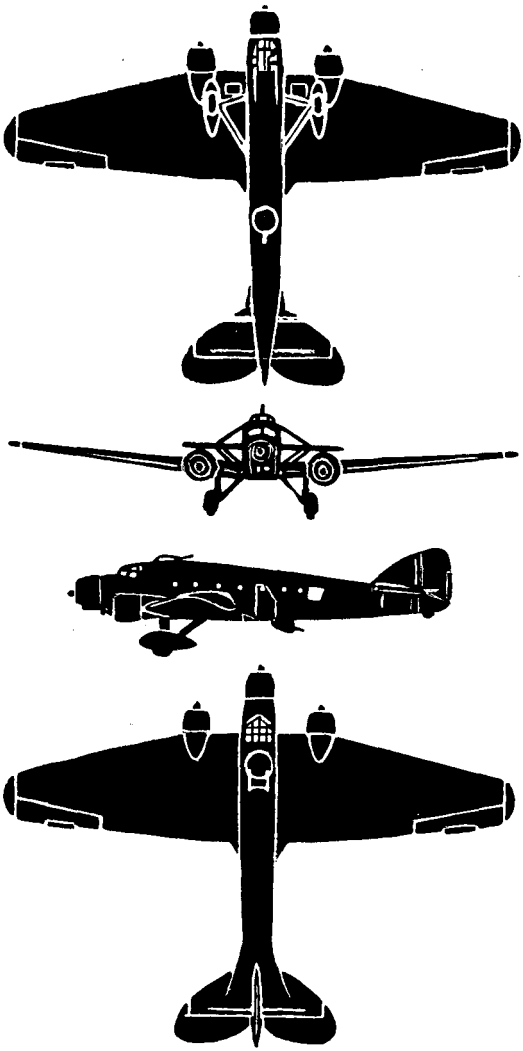
ROYAL ITALIAN AIR FORCE



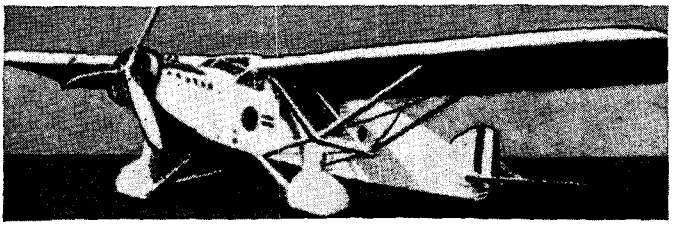
SAVOIA MARCHETTI SM 81

Description:	Round tip swept-back, dihedral, low-wing monoplane. Trimotor, long blunt nose, engine nacelles set into wing, enclosed, fixed landing gear.
Crew:	
Armament:	4 7.7-mm machine guns on flexible mounts.
Ammunition:	
Bomb load:	2,200 pounds.
Radio:	
Armor:	
Motors:	3 Piaggio P. XI RC. 40, 1,000 horsepower each.
Maximum speed:	202 miles per hour.
Rate of climb:	
Service ceiling:	24,600 feet.
Range:	1,240 miles.
Wing span:	78⅔ feet.

Bomber-Reconnaissance
SAVOIA MARCHETTI SM 81



ROYAL ITALIAN AIR FORCE



CAPRONI CA 111

Description:	Slightly raked tip, straight, slightly dihedral, high-wing monoplane. Fabric covering, single motor, rounded nose, fixed undercarriage; can be converted to seaplane.
Crew:	
Armament:	4 7.7-mm machine guns.
Ammunition:	
Bomb load:	1,100 pounds.
Radio:	
Armor:	
Motors:	1 Isotta-Fraschini Asso, 750 horsepower.
Maximum speed:	180 miles per hour.
Rate of climb:	9,800 feet in 14.5 minutes.
Service ceiling:	21,300 feet.
Range:	620 miles.
Wing span:	75½ feet.

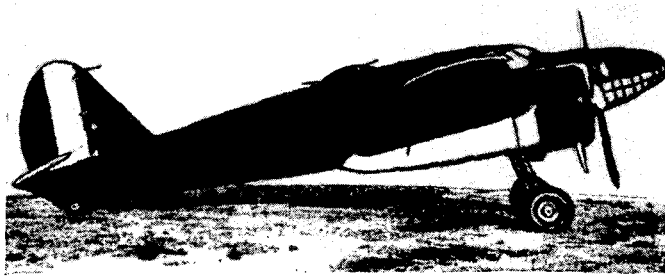
Reconnaissance
CAPRONI CA 111







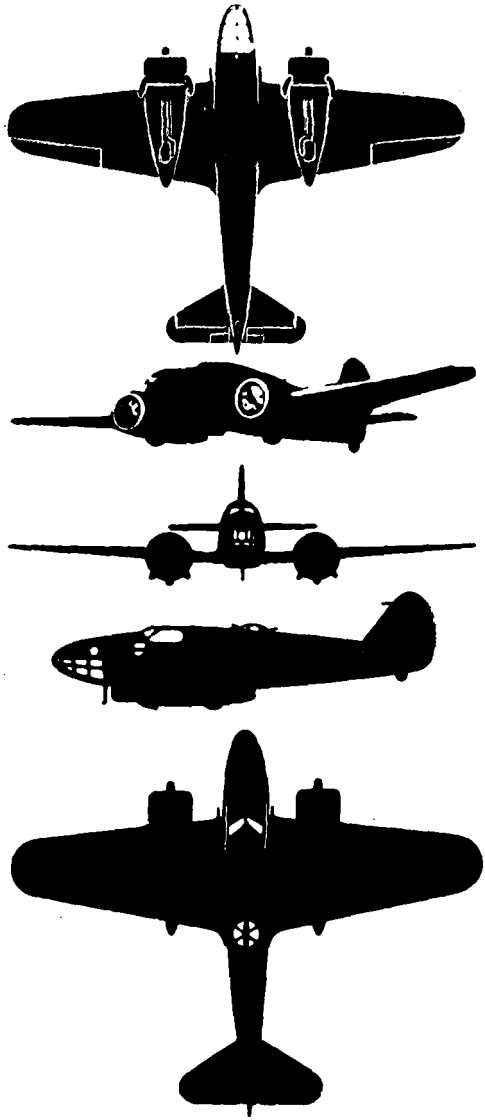
ROYAL ITALIAN AIR FORCE



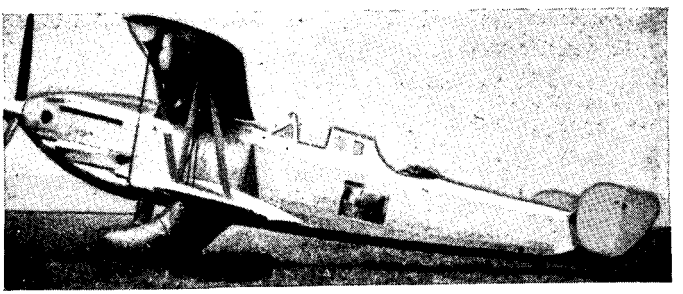
CAPRONI CA 310 LIBECCIO

Description:	Round tip, slightly swept-back, tapered, slightly dihedral, low-wing monoplane. Wooden wings, fabric fuselage, twin motor, long pointed nose, transparent panels underneath, engine nacelles set into wings, retractable landing gear.
Crew:	3.
Armament:	2 fixed machine guns in wing roots; 1 flexible in retractable turret on top of fuselage.
Ammunition:	
Bomb load:	880 pounds.
Radio:	
Armor:	
Motors:	2 Piaggio P. VII C. 35, 470 horsepower each.
Maximum speed:	230 miles per hour.
Rate of climb:	Initially 1,000 feet per minute.
Service ceiling:	23,000 feet.
Range:	750 miles.
Wing span:	53⅙ feet.

Reconnaissance-Bomber
CAPRONI CA 310 LIBECCIO



ROYAL ITALIAN AIR FORCE



CAPRONI CA 134

Description:	Round tip, staggered, straight-wing biplane. Single motor, long pointed nose, twin fins and rudders, fixed landing gear.
Crew:	2.
Armament:	
Ammunition:	
Bomb load:	
Radio:	
Armor:	
Motors:	1 Isotta-Fraschini, 900 horsepower.
Maximum speed:	242 miles per hour.
Rate of climb:	
Service ceiling:	26,240 feet.
Range:	
Wing span:	31¼ feet.

Army Cooperation
CAPRONI CA 134

ROYAL ITALIAN
AIR FORCE



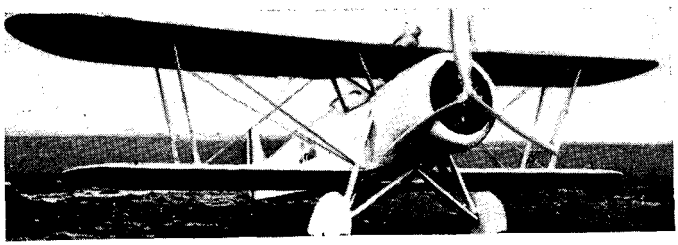
CAPRONI CA 164

Description:	Round tip, straight-wing, slightly dihedral, biplane of unequal span. Single motor, long pointed nose, fixed landing gear, open cockpit.
Crew:	1.
Armament:	
Ammunition:	
Bomb load:	
Radio:	
Armor:	
Motors:	1.
Maximum speed:	
Rate of climb:	
Service ceiling:	
Range:	
Wing span:	

Army Cooperation
CAPRONI CA 164



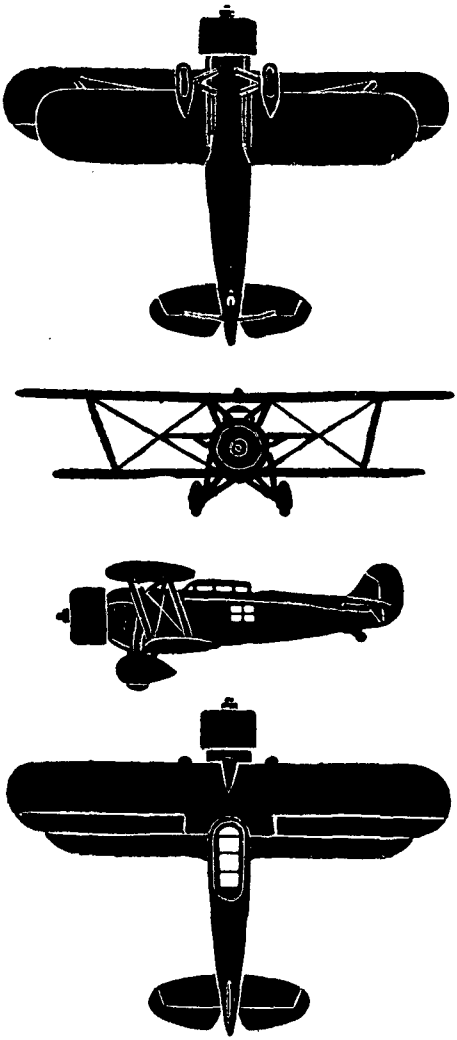
ROYAL ITALIAN AIR FORCE



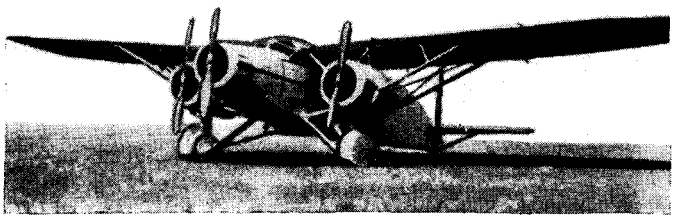
MERIDIONALI RO 37 BIS

Description:	Round tip, straight-wing, cut-out, staggered biplane of unequal span. Fuselage partially metaled, remaining structure fabric, single motor, blunt nose, enclosed cockpit, fixed landing gear.
Crew:	2.
Armament:	2 Breda-Safat machine guns fixed firing through propeller; 1 Breda-Safat on flexible mount over rear cockpit.
Ammunition:	
Bomb load:	12 33-pound bombs.
Radio:	
Armor:	
Motors:	1 Piaggio P. XR, 700 horsepower, or 1 Piaggio P. IXr. C., 560 horsepower.
Maximum speed:	205 miles per hour.
Rate of climb:	19,680 feet in 16 minutes.
Service ceiling:	24,930 feet.
Range:	1,090 miles.
Wing span:	36⅓ feet.

Army Cooperation
MERIDIONALI RO 37 BIS



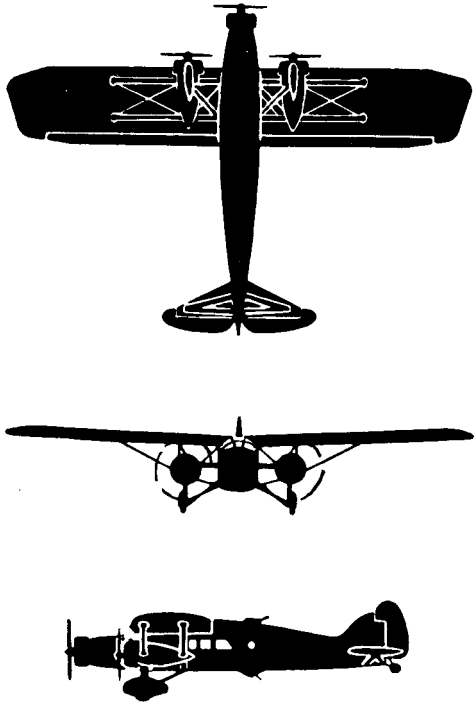
ROYAL ITALIAN AIR FORCE



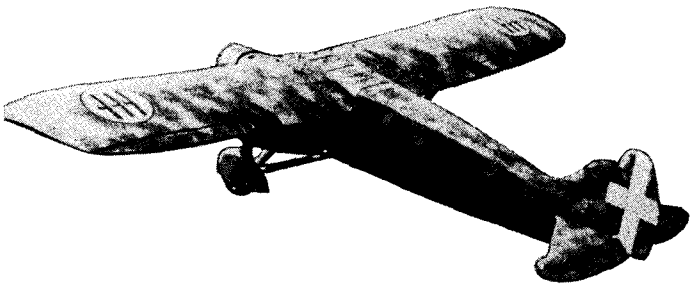
CAPRONI CA 133

Description:	Raked tip, straight-wing, slightly dihedral, braced high-wing monoplane. Front part of fuselage metaled, remaining structure fabric, trimotor, long tapered nose, engine nacelles below wings, enclosed; fixed landing gear.
Crew:	2; 16 passengers.
Armament:	4 flexible 7.7-mm machine guns.
Ammunition:	
Bomb load:	
Radio:	
Armor:	
Motors:	3 Piaggio "Stella" VI RC., 370 horsepower each.
Maximum speed:	174 miles per hour.
Rate of climb:	16,400 feet in 21 minutes.
Service ceiling:	21,320 feet.
Range:	838 miles.
Wing span:	69⅔ feet.

Transport
CAPRONI CA 133



ROYAL ITALIAN
AIR FORCE



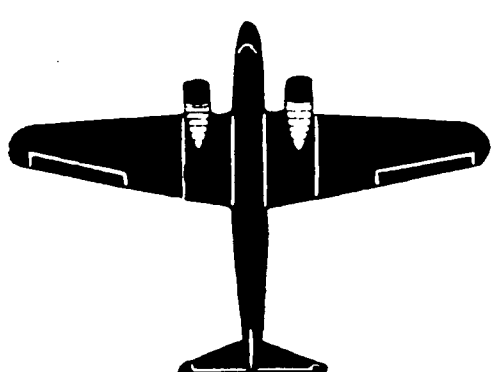
FIAT G 18

Description:	Round tip, slightly swept-back, tapered, dihedral low-wing monoplane. Long pointed nose, twin motor, engine nacelles set into wings, enclosed, fixed landing gear.
Crew:	3; 18 passengers.
Armament:	
Ammunition:	
Bomb load:	
Radio:	
Armor:	
Motors:	2 Fiat, 1,000 horsepower each.
Maximum speed:	250 miles per hour.
Rate of climb:	
Service ceiling:	28,680 feet.
Range:	930 miles.
Wing span:	82 feet.

Transport
FIAT G 18







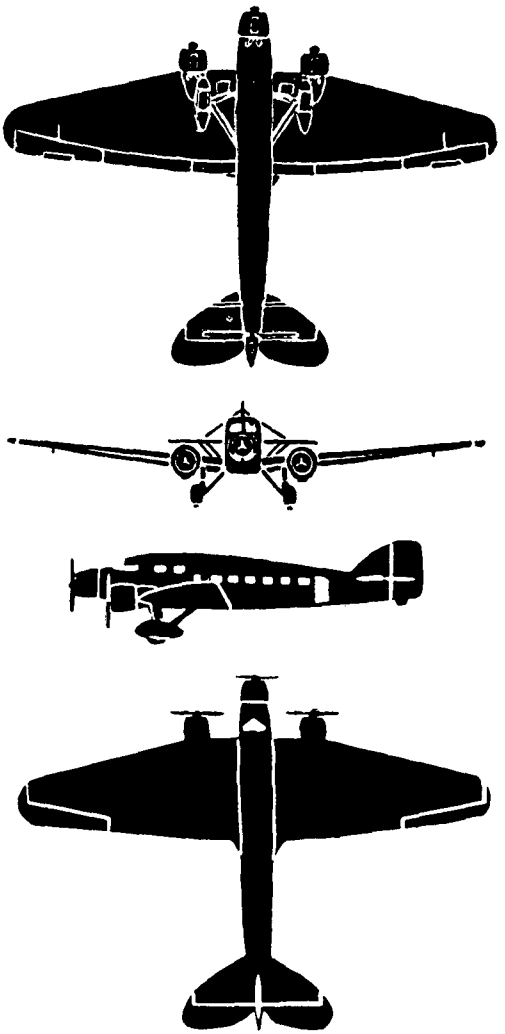
ROYAL ITALIAN
AIR FORCE

SAVOIA MARCHETTI SM 73

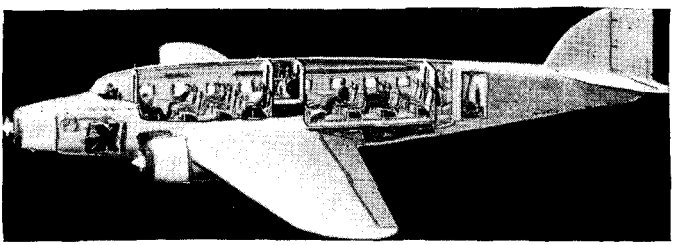
Description:	Round tip, swept-back, slightly tapered, low-wing monoplane. Long blunt nose, engine nacelles set into wings, fixed landing gear, trimotor.
Crew:	4; 18 passengers.
Armament:	
Ammunition:	
Bomb load:	
Radio:	
Armor:	
Motors:	3 Alfa-Romeo, 750 horsepower each.
Maximum speed:	200 miles per hour.
Rate of climb:	
Service ceiling:	20,000 feet.
Range:	625–1,250 miles.
Wing span:	79 feet.

Transport

SAVOIA MARCHETTI SM 73



ROYAL ITALIAN AIR FORCE



SAVOIA MARCHETTI SM 75

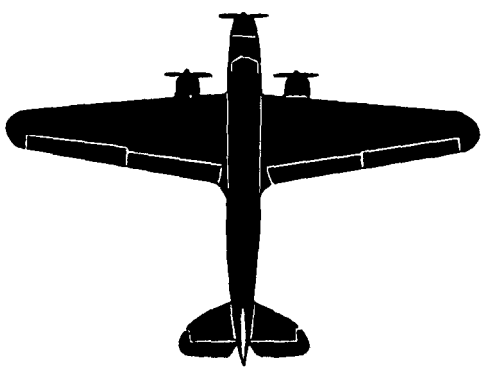
Description:	Round tip, swept-back, tapered, low-wing monoplane. Front part of fuselage metaled, remaining structure plywood and fabric, trimotor, long tapered nose, enclosed, retractable landing gear.
Crew:	3; 24 passengers.
Armament:	
Ammunition:	
Bomb load:	
Radio:	
Armor:	
Motors:	3 Alfa-Romeo, 750 horsepower each.
Maximum speed:	230 miles per hour.
Rate of climb:	
Service ceiling:	25,570 feet.
Maximum range:	875 miles.
Wing span:	97½ feet.

Transport

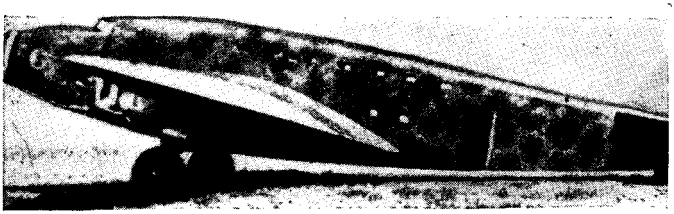
SAVOIA MARCHETTI SM 75







ROYAL ITALIAN
AIR FORCE

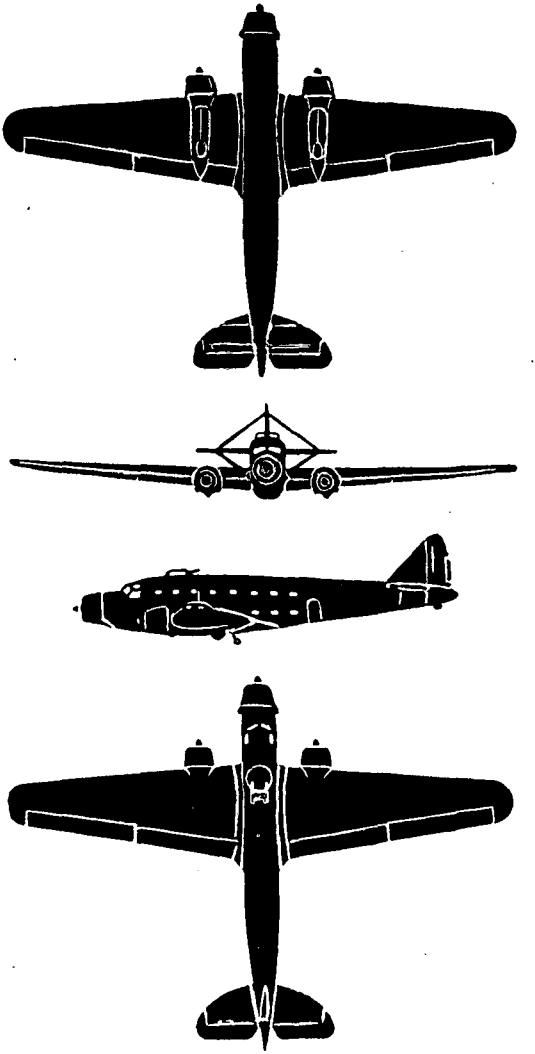


SAVOIA MARCHETTI SM 82
"MARSUPIALE"

Description:	Round tip, swept-back, tapered, slightly dihedral, midwing monoplane. Trimotor, long blunt nose, engine nacelles below wing, enclosed, retractable landing gear.
Crew:	
Armament:	
Ammunition:	
Bomb load:	
Radio:	
Armor:	
Motors:	3, 950 horsepower each.
Maximum speed:	230 miles per hour.
Rate of climb:	
Service ceiling:	
Range:	2,480 miles (has flown 8,040 miles in 57 hours).
Wing span:	97½ feet.

Transport

SAVOIA MARCHETTI SM 82 "MARSUPIALE"

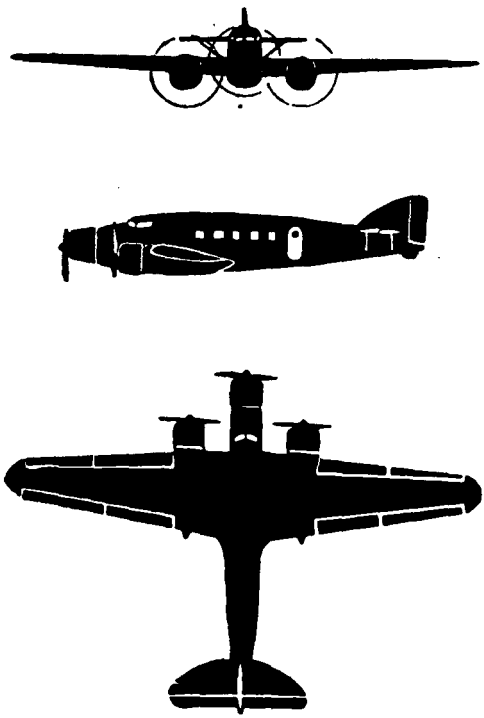


ROYAL ITALIAN
AIR FORCE

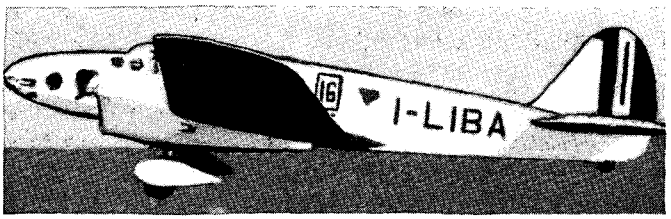
SAVOIA MARCHETTI SM 83

Description:	Round tip, slightly swept-back, tapered, low-wing monoplane. Front part of fuselage metaled, remaining structure wood and fabric, trimotor, long blunt nose, engine nacelles below wings, enclosed, retractable landing gear.
Crew:	4; 10 passengers.
Armament:	
Ammunition:	
Bomb load:	
Radio:	
Armor:	
Motors:	3 Alfa-Romeo 126 RC. 34, 750 horsepower each.
Maximum speed:	276 miles per hour.
Rate of climb:	13,120 feet in 13.5 minutes.
Service ceiling:	27,600 feet.
Range:	930 miles.
Wing span:	69¾ feet.

Transport
SAVOIA MARCHETTI SM 83



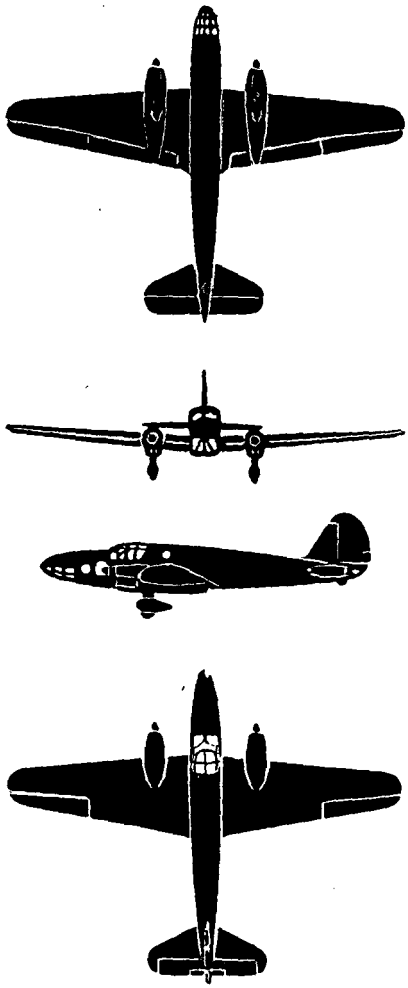
ROYAL ITALIAN AIR FORCE



CAPRONI GHIBLI

Description:	Round tip, tapered, slightly negative dihedral, low-wing monoplane. Long pointed nose, twin motor, engine nacelles below wings, enclosed, fixed landing gear.
Crew:	3.
Armament:	
Ammunition:	
Bomb load:	750 pounds.
Radio:	
Armor:	
Motors:	2 Alfa-Romeo, 200 horsepower each.
Maximum speed:	160 miles per hour.
Rate of climb:	
Service ceiling:	14,760 feet.
Range:	962 miles.
Wing span:	53¼ feet.

General Purpose
CAPRONI GHIBLI



ROYAL ITALIAN
AIR FORCE

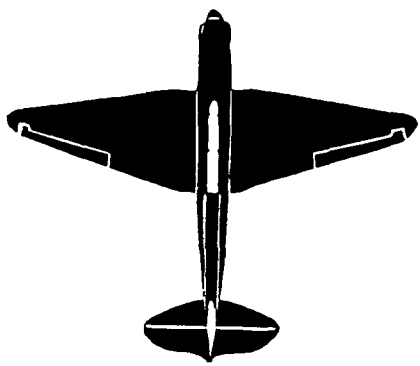
NARDI F. N. 315

Description:	Round tip, distinctly swept-back and tapered, low-wing monoplane. Long blunt nose, single motor, enclosed, retractable landing gear.
Crew:	2.
Armament:	2 machine guns.
Ammunition:	
Bomb load:	
Radio:	
Armor:	
Motors:	1 Hirth, 260 horsepower.
Maximum speed:	240 miles per hour.
Rate of climb:	
Service ceiling:	
Range:	600 miles.
Wing span:	27¾ feet.

General Purpose
NARDI F. N. 315

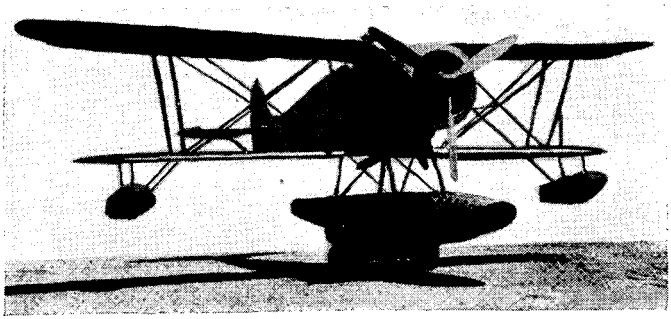






SEAPLANES

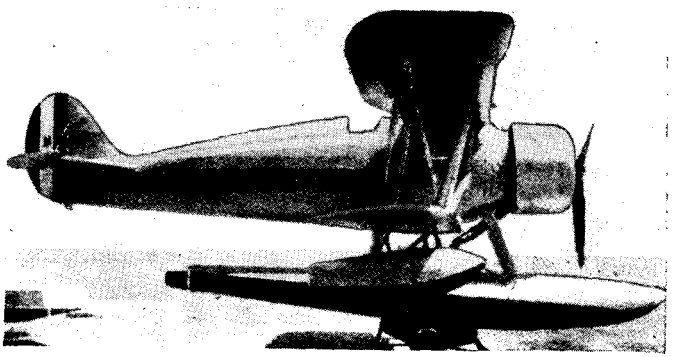
ROYAL ITALIAN AIR FORCE



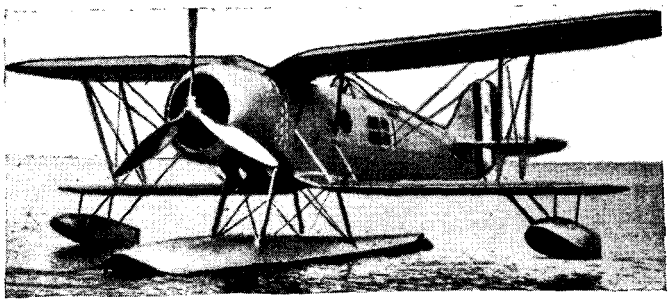
MERIDIONALI RO 44

Description:	Round tip, gull wing, staggered biplane of unequal span with single float for catapult launching. Fuselage partially metaled, remaining construction fabric, blunt-nosed, enclosed.
Crew:	1.
Armament:	2 12.7-mm Breda-Safat machine guns fixed firing through propeller.
Ammunition:	
Bomb load:	
Radio:	
Armor:	
Motors:	1 Piaggio P. X. R., 700 horsepower.
Maximum speed:	190 miles per hour.
Rate of climb:	16,400 feet in 12.5 minutes.
Service ceiling:	23,000 feet.
Range:	300 miles.
Wing span:	38 feet.

Fighter Seaplane
MERIDIONALI RO 44



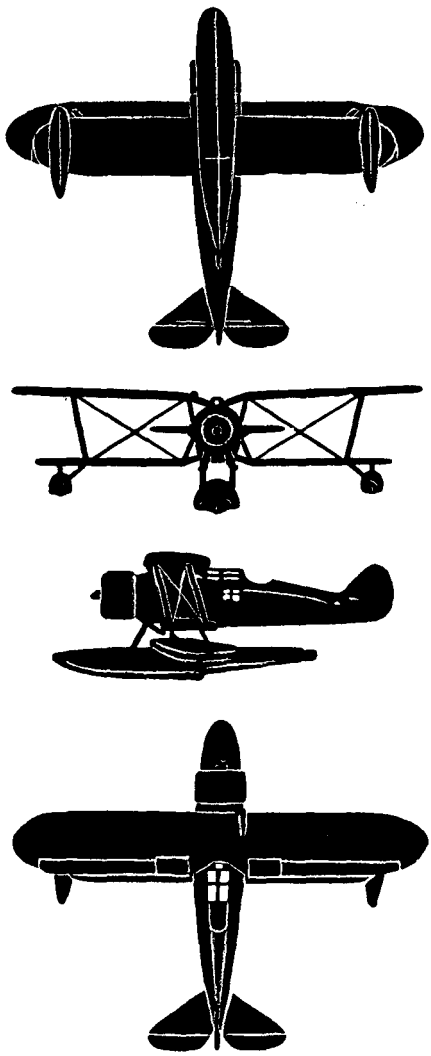
ROYAL ITALIAN AIR FORCE



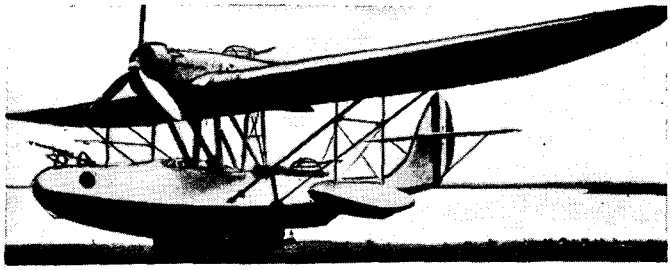
MERIDIONALI RO 43

Description:	Elliptical tip, straight wing, cut-out, gull-wing biplane of unequal span fitted with single float fixed for catapult launching. Fuselage partially metaled, remaining structure fabric, single motor, blunt nose, enclosed cockpit.
Crew:	2.
Armament:	2 fixed Breda-Safat machine guns firing through propeller; 1 Breda-Safat flexible over rear cockpit.
Ammunition:	
Bomb load:	
Radio:	
Armor:	
Motors:	1 Piaggio P. X. R., 700 horsepower.
Maximum speed:	196 miles per hour.
Rate of climb:	16,400 feet in 12.8 minutes.
Service ceiling:	21,650 feet.
Range:	930 miles.
Wing span:	38 feet.

Fighter Reconnaissance Seaplane
MERIDIONALI RO 43



ROYAL ITALIAN AIR FORCE



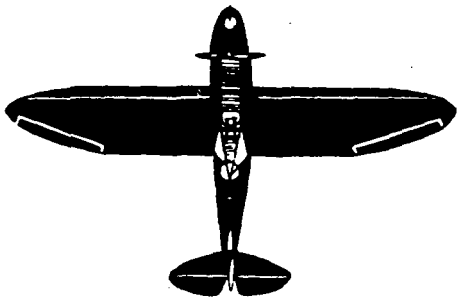
CANT Z 501

Description:	Elliptical, straight, high-wing monoplane flying boat. Semicircular two step hull of wood, fabric wings, enclosed, single motor, engine nacelle above hull set into and above wing.
Crew:	4.
Armament:	1 machine gun in nose cockpit; 2 in engine nacelle position; 1 in rear cockpit.
Ammunition:	
Bomb load:	1,100 pounds.
Radio:	
Armor:	
Motors:	1 Isotta-Fraschini Asso-XI RC. 15, 840 horsepower.
Maximum speed:	170 miles per hour.
Rate of climb:	13,120 feet in 16 minutes.
Service ceiling:	
Range:	620 miles.
Wing span:	74 feet.

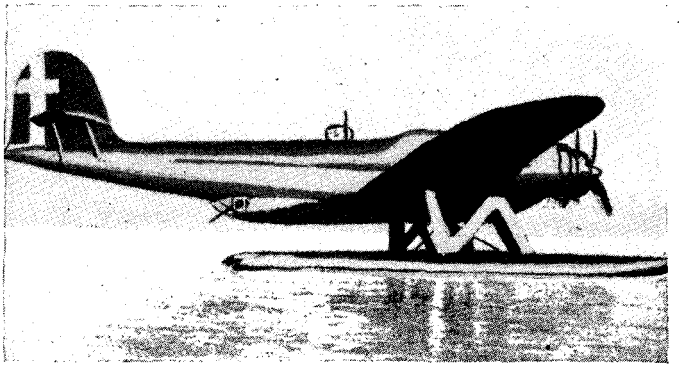
Reconnaissance-Bomber Flying Boat
CANT Z 501







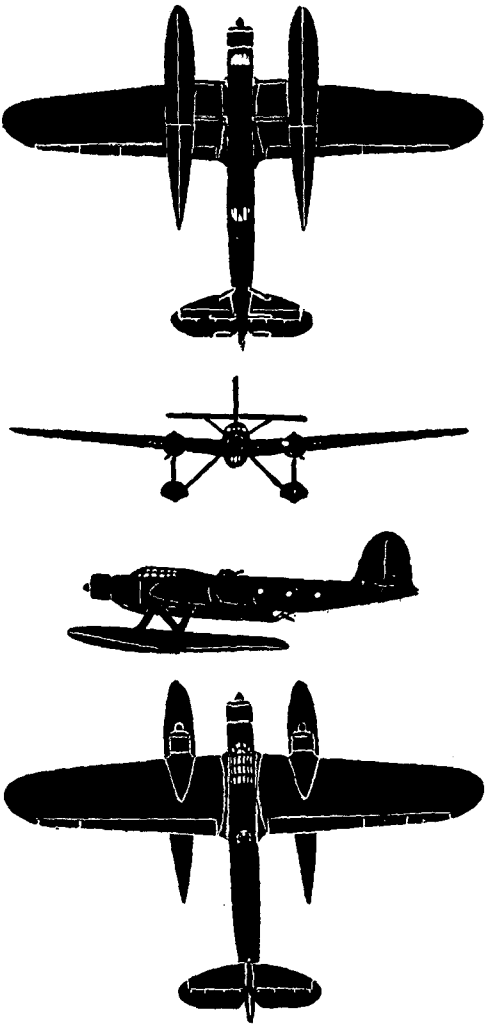
ROYAL ITALIAN AIR FORCE



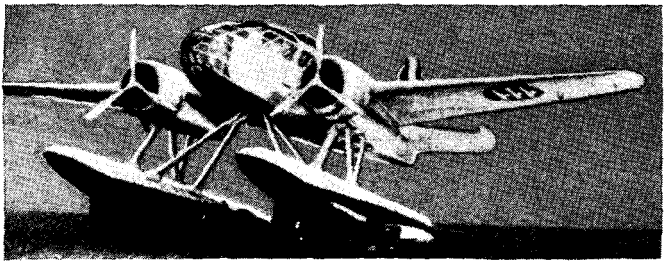
CANT Z 506B

Description:	Elliptical tip, tapered, dihedral midwing monoplane fitted with twin single-step metal floats. Wooden construction, trimotor, short blunt nose, long bulge under fuselage, engine nacelles set into wing.
Crew:	6.
Armament:	4 Breda-Safat 12.7-mm machine guns.
Ammunition:	350 rounds per gun.
Bomb load:	
Radio:	
Armor:	
Motors:	3 Alfa-Romeo 126 RC. 34, 750 horsepower each.
Maximum speed:	236 miles per hour.
Rate of climb:	Initially 820 feet per minute.
Service ceiling:	24,500 feet.
Range:	1,240 miles.
Wing span:	87 feet.

Reconnaissance-Bomber Seaplane
CANT Z 506B



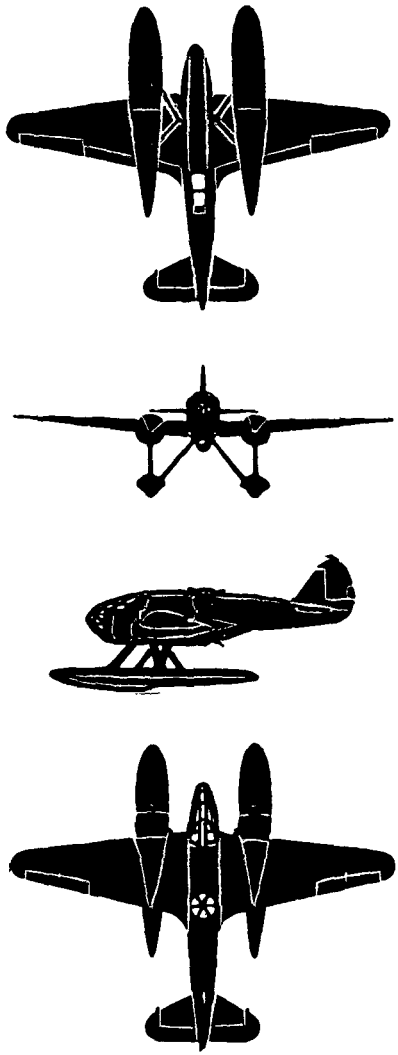
ROYAL ITALIAN AIR FORCE



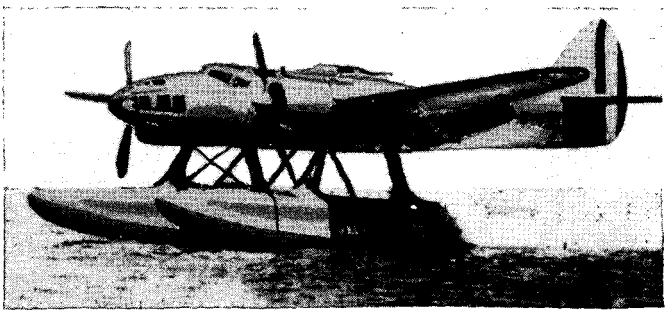
CAPRONI CA 312 BIS

Description:	Round tip, tapered, dihedral, low-wing monoplane fitted with two long single-step metal floats. Fabric fuselage, wood wings, twin motor, rounded fuselage with transparent nose, enclosed, engine nacelles set into wings. May be used to drop torpedoes.
Crew:	3.
Armament:	1 fixed 7.7-mm machine gun mounted on left wing; 1 flexible 7.7-mm machine gun in revolving turret on top of fuselage.
Ammunition:	
Bomb load:	
Radio:	Two-way.
Armor:	
Motors:	2 Piaggio P XVI, 630 horsepower each.
Maximum speed:	248 miles per hour.
Rate of climb:	13,120 feet in 13 minutes.
Service ceiling:	19,680 feet.
Range:	560 miles.
Wing span:	54 feet.

Reconnaissance-Bomber Seaplane
CAPRONI CA 312 BIS



ROYAL ITALIAN AIR FORCE



FIAT R. S. 14

Description: Round tip, tapered, dihedral, midwing monoplane fitted with twin metal floats. All metal, twin motor, long pointed nose with transparent section, enclosed, engine nacelles set into wings.

Crew:
Armament:
Ammunition:
Bomb load:
Radio:
Armor:
Motors: 2.
Maximum speed:
Rate of climb:
Service ceiling:
Range:
Wing span:

Reconnaissance-Bomber Seaplane
FIAT R. S. 14