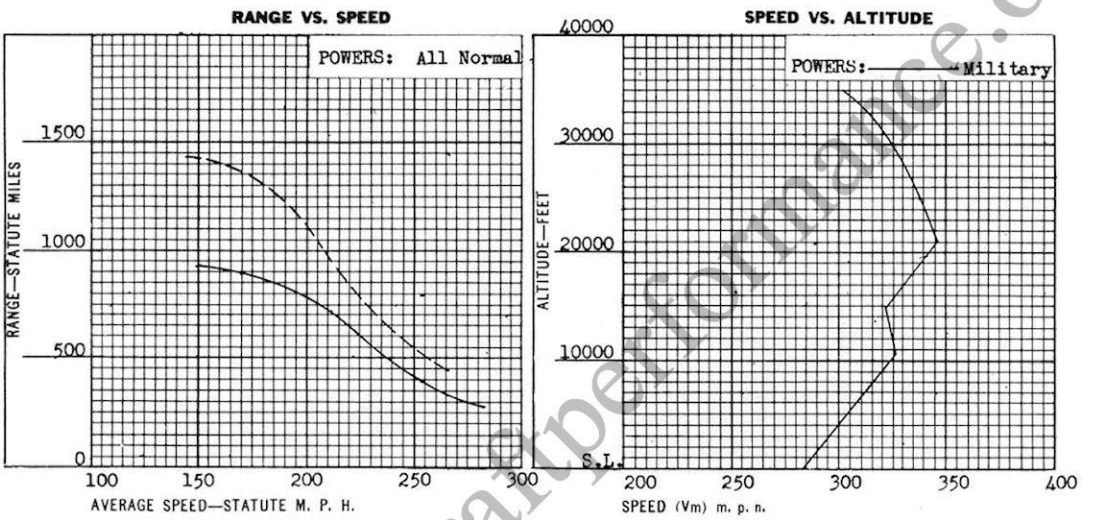
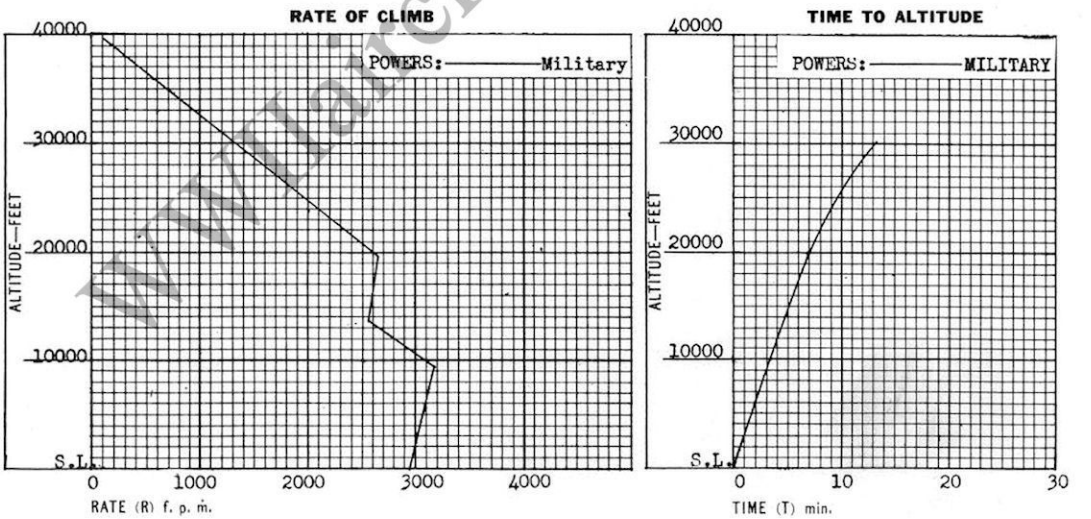
ZEKE 32 (HAMP)

RANGE * SPEED * CLIMB

KEY	CONDITION	WEIGHT (lb.)	FUEL LOAD (lb.)	BOMBS—CARGO (lb.)
———	NORMAL FIGHTER	5650	762	None
- - - - - - - - - - -	OVERLOAD FIGHTER	6260	1284	None





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PERFORMANCE AND CHARACTERISTICS ZEKE 32 (HAMP)

TAKE-OFF

	Load	Feet
T.O. calm	5650	492
T.O. 25 kt. wind	5650	202
T.O. over 50' obstacle		
Landing over 50' obstacle		

CLIMB—CEILING

@ 5650 lbs.	Feet	Min.
Rate @ S.L.	2960	1
Rate @19,700 ft.	2640	1
Time to 10,000'		3.3
Time to 20,000'		7.0
Service ceiling 39,800'		

AIRCRAFT

Duty Fighter

Designation Type 0, Model 32

Description Low-wing Monoplane

Mfg. Mitsubishi

Engines 1 Crew 1

Construction All Metal

SPEED

@ 5650 lbs.	Mph.	Knts.	Altitude
Maximum	284	246	@ S.L.
Maximum	346	300	@ 21,000'
Cruising 75%	200	174	1,500'
Economical			

BOMBS—CARGO

	No.	Size	Total Lbs.
Normal	None		
Maximum	2	60 kg.	264

ENGINES

	H. P.	Altitude
Take-off	1115	S.L.
Normal	980 860	6,500' 16,500'
Military	1085 965	9,400' 19,700'
War Emerg.	1180	7,500'

Mfg. Nakajima & Ishakawajima

Model Sakae 21

Type Radial

Cylinders 14 Cooling Air

Supercharger 2 Speed

Propeller 3 Blade CS Diam. 10.0'

Fuel - Take-off 92 Cruising 92

WEIGHTS

	Lbs.
Empty	4060
Gross	5650
Overload	6250

FUEL

	U.S. gal.	Imp. gal.
Built-in	127	106
Internal (Removable)		
External (drop)	87	72
Maximum	214	178

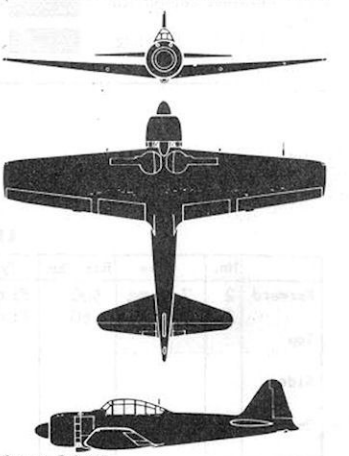
RANGE AND RADIUS

	Miles		Speed		Alt. feet	Fuel gal.		Bombs lbs.	Cargo lbs.
	stat.	naut.	mph.	Knts.		U. S.	Imp.		
Maximum range (maximum fuel)	1435	1255	144	125	1500	214	178	None	None
At 75% Vmax.	1130	981	200	174	1500	214	178	None	None
Maximum range (normal fuel)	925	803	150	130	1500	127	106	None	None
Radius ( )									
Radius ( )									

DIMENSIONS

Span 36.2 Length 29.8

Height 9.2' Wing area 233 sq.ft.



GENERAL DATA

ZEKE 32 believed out of production and will be encountered less frequently from now on.

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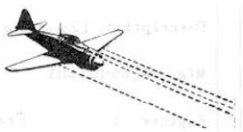
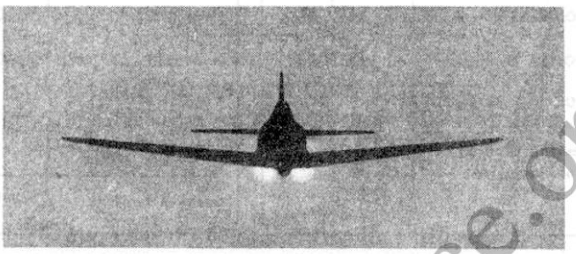
ZEKE 32 (HAMP)

FIELDS OF FIRE



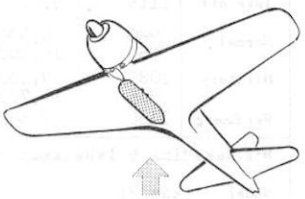
FORWARD GUNS "A", "B" AND "C"
¾-front view from above

EXHAUST FLAME PATTERNS

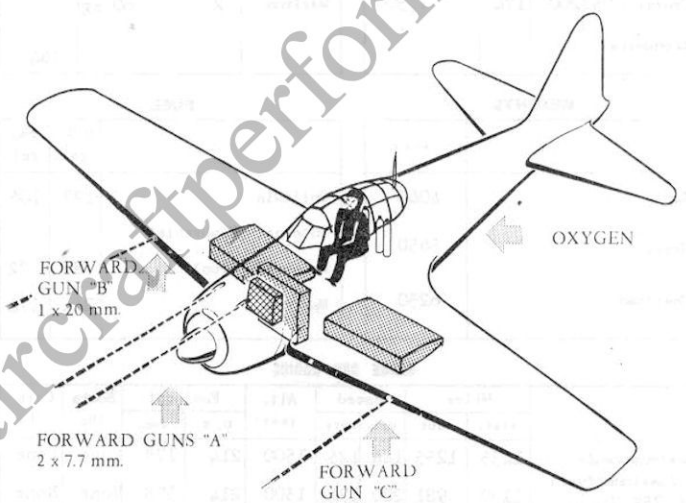


REAR VIEW

VULNERABILITY



Auxiliary gas tank
Jettisonable



LEGEND
- Fuel tanks, unprotected
- Fuel tanks, self-scaling
- Oil tanks, unprotected
- Oil tanks, self-scaling

ARMAMENT

	No.	Size	Rds. Gun	Type		No.	Size	Rds. Gun	Type
Forward	2	7.7 mm	500	Fixed	Tail				
	2	20 mm	60	Fixed					
Top					Wing				
Side									
Bottom									

TACTICAL DATA

Some late models have improved 20 mm cannon in wings-protrude from leading edge about 19 inches.

Effective range approx. 600 - 700 yards.

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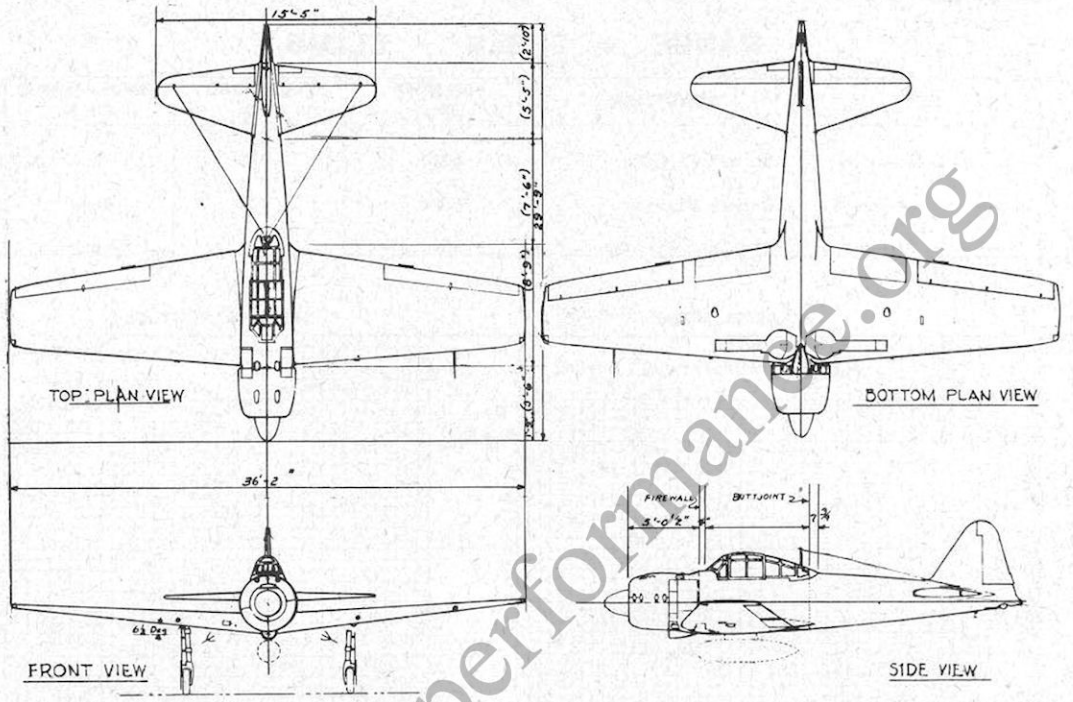

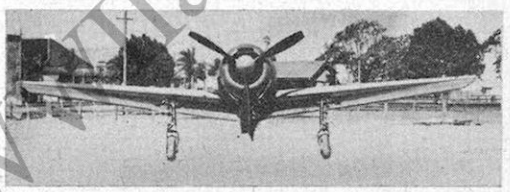

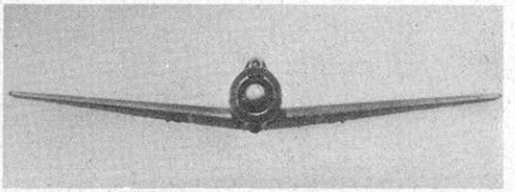

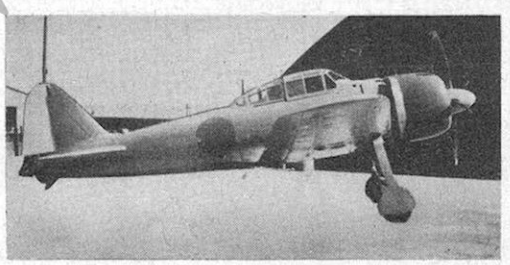

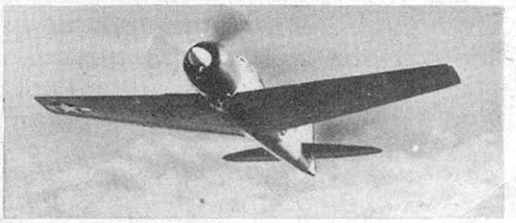

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