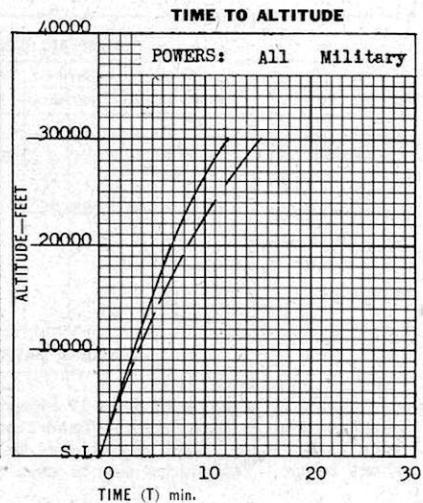
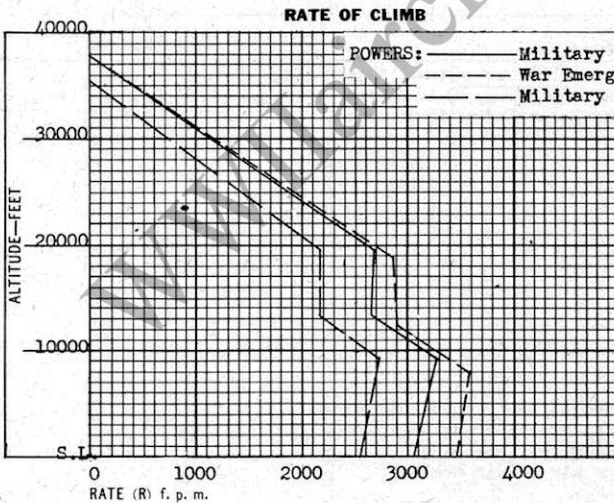
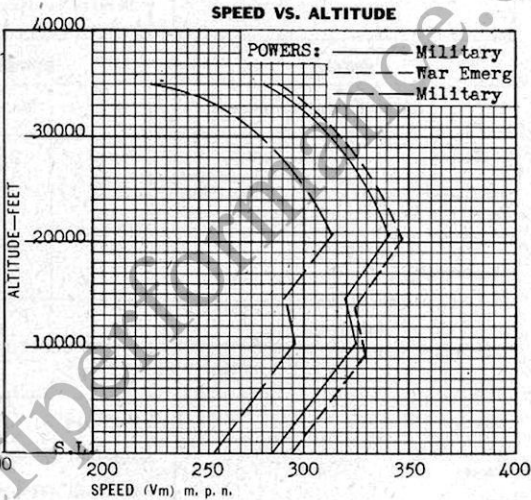
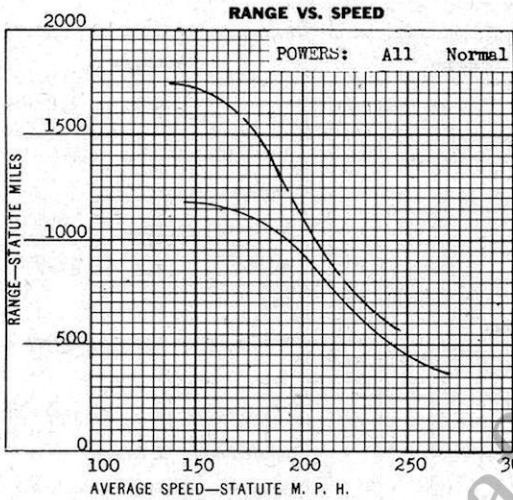


OSCAR 2

RANGE * SPEED * CLIMB

KEY	CONDITION	WEIGHT (lb.)	FUEL LOAD (lb.)	BOMBS—CARGO (lb.)
—	NORMAL FIGHTER	5500	892	None
- - -	NORMAL FIGHTER	5500	892	None
—	OVERLOAD FIGHTER	6240	1540	None



DATE March 1945

RESTRICTED

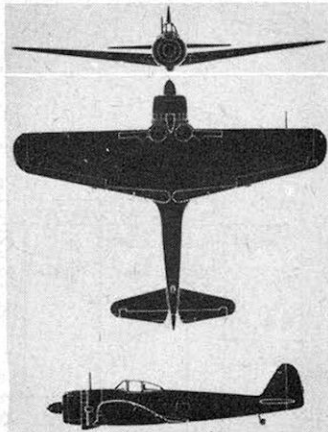
PERFORMANCE AND CHARACTERISTICS

OSCAR 2

TAKE-OFF			CLIMB—CEILING			AIRCRAFT	
	Load	Feet	@ 5500 lbs.	Feet	Min.	Duty Fighter Designation Type 1, Ki 43 Description Low-Wing Monoplane Mfg. Nakajima Engines 1 Crew 1 Construction All metal	
T.O. calm	5500	450	Rate @ S.L.	3290	1		
T.O. 25 kt. wind	5500	175	Rate @ 17,500 ft.	2850	1		
T.O. over 50' obstacle			Time to 10,000'		3.0		
Landing over 50' obstacle			Time to 20,000'		6.5		
			Service ceiling 37,100'				

SPEED				BOMBS—CARGO			ENGINES			
@ 5500 lbs.	Mph.	Knts.	Altitude		No.	Size	Total Lbs.		H. P.	Altitude
Maximum WE	295	256	@ S. L.	Normal	None			Take-off	1105	S.L.
Maximum WE	347	301	@ 20,000'	Maximum	2	100 kg		Normal	925 800	9,350' 20,000'
Cruising 75%	202	175	1,500'				440	Military	1085 965	9,200' 19,700'
Economical								War Emerg.	1165	8,000'

WEIGHTS		FUEL		ENGINES	
	Lbs.		U.S. gal.	Imp. gal.	
Empty	4170	Built-in	149	123	Mfg. Nakajima
Gross	5500	Internal (Removable)			Model Type 2 1150 h.p.
Overload	6240	External (drop)	108	90	Type Radial
		Maximum	257	213	Cylinders 14 Cooling Air
					Supercharger 2 Speed
					Propeller 3 Blade Diam. 9.2'
					Fuel - Take-off 92 Cruising 92

	RANGE AND RADIUS				Alt. feet	Fuel gal.		Bombs lbs.	Cargo lbs.	DIMENSIONS			
	Miles		Speed			U. S.	Imp.			Span 35.6'	Length 29.2'	Height 9'	Wing area 232 sq.ft.
	stat.	naut.	mph.	Knts.									
Maximum range (maximum fuel)	1745	1515	137	119	1500	257	213	None	None				
At 75% Vmax.	1405	1220	185	160	1500	257	213	None	None				
Maximum range (normal fuel)	1180	1025	145	126	1500	149	123	None	None				
At 75% Vmax.	915	795	202	175	1500	149	123	None	None				
Radius ()													
Radius ()													

GENERAL DATA

These figures are for the "short wing" OSCAR 2 since comparatively few OSCAR 2's have been built with the longer wing. Short wing is the same except for 2 ft. less span and blunter tips. Tips are rounded not squared as on ZEKU 32. OSCAR 2 has been established as operational in every enemy theater patrolled by the JAF. It is highly maneuverable with a good rate of climb. Recent reports indicate increased performance, possibly through water injection. OSCAR 1 is obsolescent.

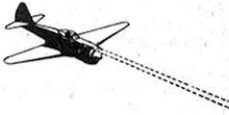
RESTRICTED

DATE December 1944

152A-3

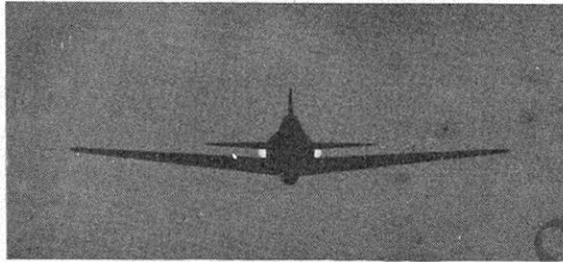
OSCAR 2

FIELDS OF FIRE

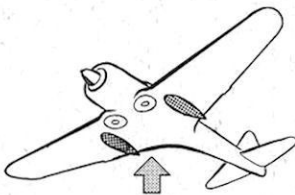


FORWARD GUNS "A"
3/4-front view from above

EXHAUST FLAME PATTERNS



REAR VIEW

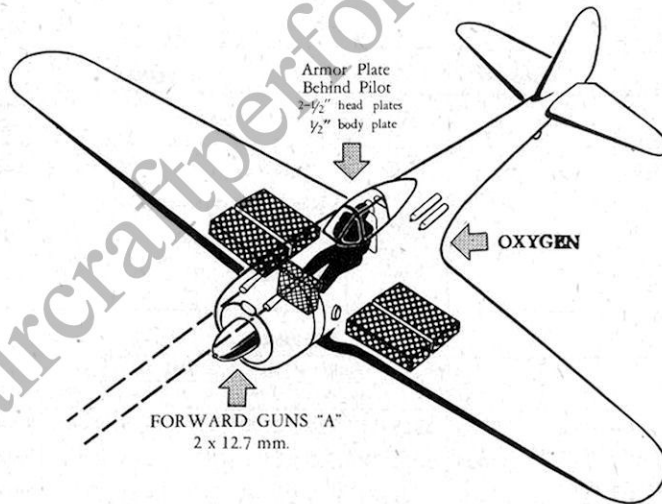


Auxiliary gas tanks
Jettisonable

VULNERABILITY

LEGEND

- Fuel tanks, unprotected
- Fuel tanks, protected
- Oil tanks, unprotected
- Oil tanks, protected



ARMAMENT

TACTICAL DATA

	No.	Size	Rds. Gun	Type		No.	Size	Rds. Gun	Type
Forward	2	12.7 mm	250	Fixed	Tail				
Top	2	or 20 mm	150	Fixed	Wing				
Side									
Bottom									

12 mm armor plate behind pilot.
Fuel tanks are equipped with protective rubber coating.
OSCAR 2 has a diving speed restriction of 372 mph.

DATE March 1945

RESTRICTED