

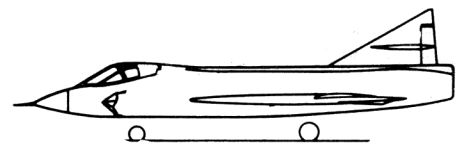
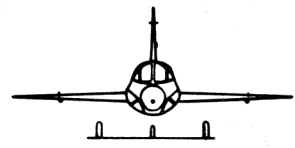
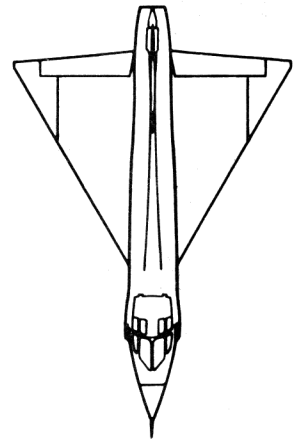
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A-1
 (T) F-102B/chan
 SERVICE

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Characteristics Summary

TRAINER TF-102B



CONSOLIDATED-VULTEE

Wing Area 695.0 sq ft Length 57.6 ft
 Span 38.1 ft Height 18.2 ft

AVAILABILITY			PROCUREMENT			
Number available			Number to be delivered in fiscal years			
ACTIVE	RESERVE	TOTAL				

STATUS

1. Same as the TF-102A except for installation of J67 engine in lieu of J57 engine.
 2. Procurement plans depend on the availability of the J67 engine.

Navy Equivalent: None Mfr's Model: 8

POWER PLANT

(1) YJ67-W-1
 Wright

ENGINE RATINGS

S.L.S. LB - †RPM - MIN

Max: *21,500-6175/8000-5

Mil: 13,200-6175/8000-30

Nor: 11,700-6175/8000-Cont

* With afterburner operating

† First figure represents RPM of the low pressure spool while the second that of the high pressure spool.

FEATURES

Crew 2
 Pilot
 Student

Side by Side Seating
 Delta Wing
 Ejection Seats
 Drag Chute
 Power Operated Controls
 MG-9 Fire Control System
 Cockpit Pressurization

Max Fuel Cap: . . 1050 gal

ARMAMENT

Guns None

Bombs None

Rockets . . . 3 x XGAR-1A
 plus
 24 x 2.75" FFAR

Classification cancelled
 or changed to *Unclassified*
 AUTH: AFSS AFPL del class grade
 BY: A R Jomelbow 3 Sept 64
 Signature and Grade: 8 Dec 1966

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TF-102B

3rd Ed addn #11

Characteristics Summary Basic Mission TF-102B

The principal mission of the TF-102B is the training of pilots, under all conditions of weather and visibility, for the F-102 Interceptor as well as for other jet propelled, delta wing aircraft.

SEE NOTES

P E R F O R M A N C E		
C O M B A T R A D I U S	F E R R Y R A N G E	S P E E D
naut. mi	naut. mi	COMBAT knots at ft alt, max power
with lb payload	with gal fuel	MAX knots at ft alt, max power
at knots avg.	at knots avg.	BASIC knots at ft alt, max power
in hours.	in hours	
	at lb T.O. wt.	
C L I M B	C E I L I N G	T A K E - O F F
fpm	ft	ground run
sea level, take-off weight normal power	100 fpm, take-off weight normal power	ft ft no assist assisted
fpm	ft	over 50 ft height
sea level, combat weight maximum power	500 fpm, combat weight maximum power	ft ft no assist assisted
L O A D	W E I G H T S	S T A L L I N G S P E E D
	Empty..... lb	knots power-off, landing config- uration, take-off weight
Fuel: protected gal	Combat... lb	T I M E T O C L I M B
droppable %	Take - off lb	
external %	limited by	
Density: lb/gal ()		

N O T E S
1. Performance Basis: Data will be supplied when available.
2. Revision Basis: Initial Issue.