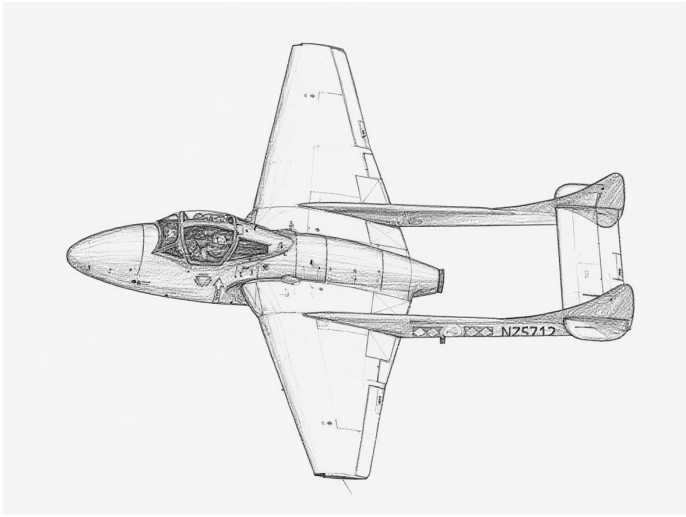


de Havilland Vampire



The de Havilland Vampire was a first-generation British jet day fighter, fighter-bomber, night fighter, and trainer. It first flew in 1943 but did not enter service until after the end of WW2. It had a single engine, straight wings, and an innovative twin-boom tail. The wings, rear fuselage, and tail were aluminum for strength, but the forward fuselage was fabricated from molded plywood, spruce, and balsa, building on de Havilland's extensive experience with this technique, most notably in the Mosquito. Initially, the pilot was not provided with an ejector seat, although one was refitted to some export versions.

Its armament was four Hispano 20 mm cannons, the standard for British fighters at that time, mounted under the nose.

The Vampire entered service with the RAF in 1946. Its contemporary, the twin-engined Meteor, was more complex, expensive, and had less endurance on internal fuel. However, the Meteor crucially had a higher rate of climb, and this led to it being selected for the interceptor role, and the Vampire served mainly as a day fighter, fighter-bomber, and trainer.

Nevertheless, the Vampire had considerable success on the export market, perhaps because of its lower price and simplicity compared to the Meteor, and for many air forces, it was their first jet aircraft.

Versions

Vampire F.1

The initial F.1 version was a day fighter. The initial batch of F.1 aircraft had the less powerful Goblin 1 engine and lacked cockpit pressurization, but later F.1 aircraft had the more powerful Goblin 2 engine and pressurization. It could carry 100 imperial gallon (450L) fuel tanks under the outer

wings, but had no provision for air-to-ground weapons other than their guns.

It served in the RAF, French AA, Swedish Flygvapnet, and the Dominican AMD/FARD.

Vampire F.3

The F.3 was similar to the F.1, but had significantly more internal fuel and a much improved pressurization system. Like the F.1, it could carry 100 imperial gallon (450L) fuel tanks, but had no provision for air-to-ground stores.

It served in the RAF, RCAF, and Mexican FAM.

Vampire FB.5

The FB.5 was the first fighter-bomber version. It was developed from the F.3 and featured clipped wings for better performance at low level, armor to protect the engine, provision for bombs in place of the fuel tanks, and rails under the inner wings for up to eight RP-3 or T-10 rockets.

It served in the RAF, the French AA, the Italian AMI, the Lebanese LAF, the RNZAF, and the SAAF. The aircraft for the French AA were license-built by SNCASE.

Vampire FB.6

The FB.6 was derived from the FB.5 but had the more powerful Goblin 3 engine. The "Late" version reflects the 1960 upgrade to install an ejection seat.

It was manufactured by both de Havilland and Eidgenössische Konstruktionswerkstätte (F+W).

It served in the Swiss Flugwaffe from 1950 to 1990 (alongside de Havilland Vampire FB.6s), although from 1968 only as a trainer.

Vampire FB.9

The FB.9 was also derived from the FB.5 and had air conditioning for use in tropical zones. Most FB.9s retained the Goblin 2 engine of the FB.5, but Rhodesian FB.9s were fitted with the Goblin 3 for better performance.

It served in the RAF, RAAF, Jordanian RJAF, Lebanese LAF, RNZAF, SRAF/RRAF, and SAAF.

Vampire NF.10

The Vampire NF.10 was a night fighter version, derived from the FB.5 but with a new forward fuselage for the AI Mk X (SCR-720B) radar, side-by-side seating for the pilot and radar operator, and the Goblin 3 engine to compensate for the weight of the radar equipment. It was developed initially for export, but was taken up by the RAF to bridge the

gap between the Mosquito NF.36 and the Meteor NF.11.

It served in the RAF.

Vampire T.11

The Vampire T.11 was a trainer version, derived from the FB.5 but with a new forward fuselage similar to that of the NF.11, with side-by-side seating for the instructor and pupil and dual controls. It retained full combat capability. RAF aircraft were refitted with ejection seats between 1954 and 1957.

It served in the RAF, Austrian Luftstreitkräfte, Chilean FACH, Indian IAF, Jordanian RJAF, Mexican FAM, and Swiss Air Force.

Vampire F.20

The Sea Vampire F.20 was an adaptation of the FB.5 for RN carrier operations. It had strengthened undercarriage, an arrestor hook, and more effective speed brakes, but no capacity to fold its wings.

It served in the RN FAA, but for trials and familiarization and not as a front-line fighter.

Vampire T.22

The Sea Vampire T.22 trainer was essentially a T.11 adapted to RN standards, but was not carrier-capable. It was flown exclusively from terrestrial air stations. RN aircraft were refitted with ejection seats in 1956 and 1957.

It served in the FAA as an advanced trainer.

Vampire F.30

The Vampire F.30 was derived from the Vampire F.2, which had trialed the Nene engine in the F.1 airframe. It was equipped with a Nene-2VH engine with 5,000 lb of thrust, significantly more than the Goblin 3 with 3,500 lb. This greater thrust required greater airflow than could be provided by the standard wing-root intakes, so the F.30 was delivered with additional intakes on the upper side of the fuselage behind the cockpit. To improve handling close to the critical Mach number, these were later moved to the lower side of the fuselage. The F.30 was license-built by de Havilland (Australia).

The F.30 served in the RAAF from 1949 until 1960, when it was replaced by the CAC Sabre.

Vampire FB.31

The Vampire FB.31 was derived from the F.30 with the air-to-ground improvements of the FB.5. It was license-built by de Havilland (Australia).

The FB.31 served in the RAAF from 1952 until 1960, when it was replaced by the CAC Sabre.

Vampire T.33 and T.33A

The Vampire T.33 and was a trainer largely similar to the Vampire T.11 (and notably using the Goblin 35 engine rather than the Nene). The ejection seats and canopy of the T.35 were refitted to the T.33 to give the T.33A. It was license-built by de Havilland (Australia).

The T.33 served in the RAAF from 1952 until 1970, when it was replaced by the Aermacchi MB-326H (CAC CA-30). The T.33A conversions took place some time after 1957.

Vampire T.34 and T.34A

The Vampire T.34 and T.34A were similar to the T.33 and T.33A, but for the RAN rather than the RAAF. It was license-built by de Havilland (Australia).

The T.34 served in the RAN from 1954 until 1970, when it was replaced by the Aermacchi MB-326H (CAC CA-30). The T.34A conversions took place some time after 1957.

Vampire T.35

The Vampire T.35 was a development of the T.33 and added ejection seats, a new canopy, and increased fuel capacity. The ejection seats and canopy were refitted to the T.33 and T.34 to give the T.33A and T.34A versions. It was license-built by de Havilland (Australia).

The T.35 served in the RAAF from 1957 until 1970, when it was replaced by the Aermacchi MB-326H (CAC CA-30).

Vampire FB.50 and FB.52

The Vampire FB.50 and FB.52 were licensed or export versions of the FB.6.

The FB.50 and FB.52 were built by de Havilland and HAL license-built the FB.52 for the Indian IAF.

The FB.50 served in the Swedish Flygvapnet and the Dominican AMD/FARD. The FB.52 served in the Egyptian EAF, Finnish Ilmavoimat, Indian IAF (from 1952 to at least 1971), Iraqi Air Force, Jordanian RJAF, Lebanese LAF, RN-ZAF, Norwegian Luftforsvaret, SRAF/RRAF, Saudi Arabian Air Force, SAAF, Syrian Air Force, and Venezuelan FAV.

Vampire FB.52A

The Vampire FB.52A was a version of the FB.52 for the Italian AMI. Unusually, the FB.52A had the Goblin 2 engine rather than the more powerful Goblin 3 engine used by many of the other fighter-bomber Vampires.

It was built by de Havilland and also under-license by FIAT and Macchi.

It served in the Italian AMI, the Egyptian EAF, and the Syrian Air Force.

Vampire NF.54

The Vampire NF.54 was the export version of the NF.10. It served in the Italian AMI and the Indian IAF.

Vampire T.55

The Vampire T.55 was the export version of the T.11, and again later variants were fitted with ejection seats.

It was built by de Havilland and also license-built by HAL for the Indian IAF and F+W for the Swiss Flugwaffe.

A few IAF aircraft were adapted in 1959 for photo-reconnaissance and designated PR.55.

It served in the Austrian Luftstreitkräfte, Burmese Air Force, Chilean FACH, Egyptian EAF, Finnish Ilmavoimat, Indian IAF and INAS (from 1952 to 1989), Indonesian Air Force, Iraqi Air Force, Irish IAC, RNZAF, Norwegian Luftforsvaret, Portuguese Air Force, SAAF, Swedish Flygvapnet, Swiss Flugwaffe (late version from 1955 to 1990), and Venezuelan FAV.

Vampire T.55A

The Vampire T.55A was a conversion of the FB.50 with a forward fuselage like that of the T.55.

It served in the Swedish Flygvapnet.

Armament and Stores

The gun armament of all versions was four Hispano 20 mm cannons with 150 rounds per gun.

A typical air-to-air load was two 100 gal (450L) fuel tanks to increase endurance.

A typical air-to-ground load was eight RP-3 or T-10 rockets and then either two 500 lb bombs or fuel tanks, depending on the mission radius. On short-range missions, two 1,000-lb bombs could be carried but without rockets.

ADCs

- Vampire F.3
- Vampire FB.5
- Vampire FB.6
- Vampire FB.6 (Late)
- Vampire FB.9
- Vampire FB.9 (Goblin 3)
- Vampire NF.10
- Vampire T.11
- Vampire T.11 (Late)
- Sea Vampire F.20
- Sea Vampire T.22

- Sea Vampire T.22 (Late)
- Vampire F.30
- Vampire FB.31
- Vampire T.33
- Vampire T.33A
- Vampire T.34
- Vampire T.34A
- Vampire T.35
- Vampire FB.50
- Vampire FB.52
- Vampire FB.52A
- Vampire NF.54
- Vampire T.55
- Vampire T.55 (Late)
- Vampire T.55A

See Also

- SNCASE Mistral

Photo Credit

- de Havilland Vampire: Pseudopanax (Public domain)

Vampire F.1					<div></div>					Crew: Pilot									
										Maneuver DPs: <div>LR/DR1.5</div> <div>VR1.0</div>									
Turn DPs: <div>CL1/2DT</div> <div>TT0.50.50.5</div> <div>HT1.01.01.0</div> <div>BT1.01.01.0</div> <div>ET— — —</div>																			
															Cruise Spd. CL: 3.5 Restr. Arcs: — Climb Spd.: 3.0 Blind Arcs: 30– Visibility: 4 Internal Fuel: 122 Size: +1 AtA Refuel: No Vulnerability: +0 Ejection Seat: None				
Power APs/DPs: ○																			
CL	1/2	DT	Fuel																
AB	—	—	—	—															
M	1.0	0.5	0.5	1.0															
N	0.0	0.0	0.0	0.5															
I	1.0	1.0	1.0	0.0															
SPBR	1.0	1.0	1.0	—															
Speeds and Ceilings						Climb Capabilities													
Alt. Band	Conf. Ceil.	CL 44	1/2 40	DT 38	Dive Speed	CL AB Oth	1/2 AB Oth	DT AB Oth											
EH+	46+	—	—	—	—	— —	— —	— —	EH+										
VH	36–45	2.5 – 5.0	3.0 – 4.5	3.0 – 4.0	6.0	— 0.5	— 0.5	— 0.5	VH										
HI	26–35	2.0 – 5.0	2.5 – 4.5	2.5 – 4.0	6.0	— 0.5	— 0.5	— 0.5	HI										
MH	17–25	1.5 – 4.5	2.0 – 4.0	2.0 – 4.0	6.0	— 0.5	— 0.5	— 0.5	MH										
ML	8–16	1.5 – 4.5	1.5 – 4.0	1.5 – 4.0	6.0	— 0.5	— 0.5	— 0.5	ML										
LO	0–7	1.0 – 4.5	1.5 – 4.0	1.5 – 4.0	6.0	— 0.5	— 0.5	— 0.5	LO										
Radar: —					ECM:					Weapon Stations Diagram:									
ECCM: —					RWR: —														
Arcs: —					DDS: —														
Search: —					DJM: —														
Track: —					AJM: —														
Lock-On: —					BJM: —														
Guns: Four 20 mm Hispano Mk V					Technology:					Load Point Limits: CL : < 3									
To Hit: 7/4/3					None					1/2: < 5									
Ammunition: 5.0										Weight Limit: 2,000 DT : ≥ 5									
Gunsight: TT+0/HT+1/BT+2										Station Limit Allowed Loads									
Ranging: —										1 and 2 1,000 FT									
AtA/AtG: 5/6*										Load Notes:									
Bomb System: Manual										1. May use 450L FTs.									
Notes:																			
1. The de Havilland Vampire F.1 is a day fighter. It has no provision for air-to-ground ordnance and unclipped wings. This ADC represents the full-specification variant, with cockpit pressurization and the Goblin 2 engine. It was designated J28A in service with the Swedish Flygvapnet.																			
2. High transonic drag (HTD). Rapid acceleration (RA) if speed ≤ 4.0.																			

Vampire F.3										Crew: Pilot						
										Maneuver DPs:						
LR/DR		1.5														
VR		1.0														
Power APs/DPs: ○										Turn DPs:						
CL		1/2	DT	Fuel	CL		1/2	DT								
AB		—	—	—	—	TT		0.5	0.5	0.5						
M		1.0	0.5	0.5	1.0	HT		1.0	1.0	1.0						
N		0.0	0.0	0.0	0.5	BT		1.0	1.0	1.0						
I		1.0	1.0	1.0	0.0	ET		—	—	—						
SPBR		1.0	1.0	1.0	—											
					Cruise Spd. CL: 3.5					Restr. Arcs: —						
					Climb Spd.: 3.0		Blind Arcs: 30–									
					Visibility: 4		Internal Fuel: 200									
					Size: +1		AtA Refuel: No									
					Vulnerability: +0		Ejection Seat: None									
Speeds and Ceilings						Climb Capabilities										
Alt.	Conf.	CL		1/2		DT		Dive		CL		1/2		DT		
Band	Ceil.	44		40		38		Speed		AB	Oth	AB	Oth	AB	Oth	
EH+	46+	—		—		—		—		—	—	—	—	—	—	EH+
VH	36–45	2.5 – 5.0		3.0 – 4.5		3.0 – 4.0		6.0		—	0.5	—	0.5	—	0.5	VH
HI	26–35	2.0 – 5.0		2.5 – 4.5		2.5 – 4.0		6.0		—	0.5	—	0.5	—	0.5	HI
MH	17–25	1.5 – 4.5		2.0 – 4.0		2.0 – 4.0		6.0		—	0.5	—	0.5	—	0.5	MH
ML	8–16	1.5 – 4.5		1.5 – 4.0		1.5 – 4.0		6.0		—	0.5	—	0.5	—	0.5	ML
LO	0–7	1.0 – 4.5		1.5 – 4.0		1.5 – 4.0		6.0		—	0.5	—	0.5	—	0.5	LO
Radar: —					ECM: —					Weapon Stations Diagram:						
ECCM: —					RWR: —											
Arcs: —					DDS: —											
Search: —					DJM: —											
Track: —					AJM: —											
Lock-On: —					BJM: —											
Guns: Four 20 mm Hispano Mk V					Technology: None					Load Point Limits: CL : < 3						
To Hit: 7/4/3										1/2: < 5						
Ammunition: 5.0										Weight Limit: 2,000 DT : ≥ 5						
Gunsight: TT+0/HT+1/BT+2										Station Limit Allowed Loads						
Ranging: —										1 and 2 1,000 FT						
AtA/AtG: 5/6*										Load Notes:						
Bomb System: Manual										1. May use 450L FTs.						
Notes:																
1. The de Havilland Vampire F.3 is a day fighter. The F.3 version has no provision for air-to-ground ordnance, the Goblin 2 engine, and unclipped wings.																
2. High transonic drag (HTD). Rapid acceleration (RA) if speed ≤ 4.0.																
VPs: 5/3/2/1												v3 00000000 0000-00-00T00:00:00				

Vampire FB.5										Crew: Pilot				
										Maneuver DPs:				
LR/DR 1.5														
VR 1.0														
Turn DPs:														
Power APs/DPs: ○					Cruise Spd. CL: 3.5 Restr. Arcs: — Climb Spd.: 3.0 Blind Arcs: 30– Visibility: 4 Internal Fuel: 200 Size: +1 AtA Refuel: No Vulnerability: +0 Ejection Seat: None					CL 1/2 DT				
CL 1/2 DT Fuel										TT 0.5 0.5 0.5				
AB — — — —										HT 1.0 1.0 1.0				
M 1.0 0.5 0.5 1.0										BT 1.0 1.0 1.0				
N 0.0 0.0 0.0 0.5										ET — — —				
I 1.0 1.0 1.0 0.0														
SPBR 1.0 1.0 1.0 —														
Speeds and Ceilings						Climb Capabilities								
Alt.	Conf.	CL		1/2	DT	Dive	CL		1/2		DT			
Band	Ceil.	44		40	38	Speed	AB	Oth	AB	Oth	AB	Oth		
EH+	46+	—		—	—	—	—	—	—	—	—	EH+		
VH	36–45	2.5 – 5.0		3.0 – 4.5	3.0 – 4.0	6.0	—	0.5	—	0.5	—	0.5		
HI	26–35	2.0 – 5.0		2.5 – 4.5	2.5 – 4.0	6.0	—	0.5	—	0.5	—	0.5		
MH	17–25	1.5 – 4.5		2.0 – 4.0	2.0 – 4.0	6.0	—	0.5	—	0.5	—	0.5		
ML	8–16	1.5 – 4.5		1.5 – 4.0	1.5 – 4.0	6.0	—	0.5	—	0.5	—	0.5		
LO	0–7	1.0 – 4.5		1.5 – 4.0	1.5 – 4.0	6.0	—	0.5	—	0.5	—	0.5		
Radar:		—			ECM:			Weapon Stations Diagram:						
ECCM:		—			RWR:								—	
Arcs:		—			DDS:								—	
Search:		—			DJM:								—	
Track:		—			AJM:								—	
Lock-On:		—			BJM:			—						
Guns:		Four 20 mm Hispano Mk V			Technology:			Load Point Limits:						
To Hit:		7/4/3			None			CL : < 3						
Ammunition:		5.0						1/2: < 5						
Gunsight:		TT+0/HT+1/BT+2						Weight Limit: 2,000 DT : ≥ 5						
Ranging:		—						Station Limit Allowed Loads						
AtA/AtG:		5/6*						1 and 6 1,000 BB FT						
Bomb System:		Manual						2–3 and 4–5 200 RK						
Notes:								Load Notes:						
1. The de Havilland Vampire FB.5 is a day fighter and fighter-bomber. The FB.5 version has provision for air-to-ground ordnance, the Goblin 2 engine, and clipped wings.								1. Stations 2 to 5 may each carry one or two RP-3 RKs.						
2. High transonic drag (HTD). Rapid acceleration (RA) if speed ≤ 4.0.								2. May use 450L FTs.						

Vampire FB.6										Crew: Pilot									
										Maneuver DPs: <div>LR/DR1.5 VR1.0</div>									
Turn DPs: <div><div>CL1/2DT</div><div>TT0.50.50.5 HT1.01.01.0 BT1.01.01.0 ET— — —</div></div>																			
															Cruise Spd. CL: 3.5 Restr. Arcs: — Climb Spd.: 3.0 Blind Arcs: 30– Visibility: 4 Internal Fuel: 200 Size: +1 AtA Refuel: No Vulnerability: +0 Ejection Seat: None				
Power APs/DPs: ○ <div>CL1/2DTFuel</div> <div>AB— — — — M1.00.50.51.0 N0.00.00.00.5 I1.01.01.00.0 SPBR1.01.01.0—</div>																			
Speeds and Ceilings						Climb Capabilities													
Alt. Band	Conf. Ceil.	CL 44	1/2 40	DT 38	Dive Speed	CL AB	Oth	1/2 AB	Oth	DT AB	Oth								
EH+	46+	—	—	—	—	—	—	—	—	—	—	EH+							
VH	36–45	2.5 – 5.0	3.0 – 4.5	3.0 – 4.0	6.0	—	0.5	—	0.5	—	0.5	VH							
HI	26–35	2.0 – 5.0	2.5 – 4.5	2.5 – 4.0	6.0	—	0.5	—	0.5	—	0.5	HI							
MH	17–25	1.5 – 5.0	2.0 – 4.5	2.0 – 4.5	6.0	—	0.5	—	0.5	—	0.5	MH							
ML	8–16	1.5 – 5.0	1.5 – 4.5	1.5 – 4.5	6.0	—	0.5	—	0.5	—	0.5	ML							
LO	0–7	1.0 – 5.0	1.5 – 4.5	1.5 – 4.5	6.0	—	1.0	—	1.0	—	0.5	LO							

Radar: <div>—</div>			ECM: <div>RWR: — DDS: — DJM: — AJM: — BJM: —</div>			Weapon Stations Diagram:		
ECCM: <div>—</div>								
Arcs: <div>—</div>								
Search: <div>—</div>								
Track: <div>—</div>								
Lock-On: <div>—</div>								
Guns: Four 20 mm Hispano Mk V			Technology: <div>None</div>			Load Point Limits: <div>CL : < 3 1/2: < 5</div>		
To Hit: 7/4/3						Weight Limit: 2,000 <div>DT : ≥ 5</div>		
Ammunition: 5.0						Station Limit Allowed Loads		
Gunsight: TT+0/HT+1/BT+2						1 and 6 1,000 BB FT		
Ranging: —						2–3 and 4–5 200 RK		
AtA/AtG: 5/6*						Load Notes:		
Bomb System: Manual						1. Stations 2 to 5 may each carry one or two RP-3 RKs.		
Notes: <div>1. The de Havilland Vampire FB.6 is a day fighter and fighter-bomber. The FB.6 version has provision for air-to-ground ordnance, the Goblin 3 engine, and clipped wings. 2. High transonic drag (HTD). Rapid acceleration (RA) if speed ≤ 4.0.</div>						2. May use 450L FTs.		
			VPs: 5/3/2/1			v3 00000000 0000-00-00T00:00:00		

Vampire FB.6 (Late)										Crew: Pilot									
										Maneuver DPs:									
LR/DR 1.5																			
VR 1.0																			
Turn DPs:																			
CL 1/2 DT																			
TT 0.5 0.5 0.5																			
HT 1.0 1.0 1.0																			
BT 1.0 1.0 1.0																			
ET — — —																			
Power APs/DPs: ○					Cruise Spd. CL: 3.5					Restr. Arcs: —									
CL 1/2 DT Fuel					Climb Spd.: 3.0					Blind Arcs: 30–									
AB — — — —					Visibility: 4					Internal Fuel: 200									
M 1.0 0.5 0.5 1.0					Size: +1					AtA Refuel: No									
N 0.0 0.0 0.0 0.5					Vulnerability: +0					Ejection Seat: Early									
I 1.0 1.0 1.0 0.0																			
SPBR 1.0 1.0 1.0 —																			
Speeds and Ceilings										Climb Capabilities									
Alt.		Conf.		CL		1/2		DT		Dive		CL		1/2		DT			
Band		Ceil.		44		40		38		Speed		AB Oth		AB Oth		AB Oth			
EH+		46+		—		—		—		—		— —		— —		— —		EH+	
VH		36–45		2.5 – 5.0		3.0 – 4.5		3.0 – 4.0		6.0		— 0.5		— 0.5		— 0.5		VH	
HI		26–35		2.0 – 5.0		2.5 – 4.5		2.5 – 4.0		6.0		— 0.5		— 0.5		— 0.5		HI	
MH		17–25		1.5 – 5.0		2.0 – 4.5		2.0 – 4.5		6.0		— 0.5		— 0.5		— 0.5		MH	
ML		8–16		1.5 – 5.0		1.5 – 4.5		1.5 – 4.5		6.0		— 0.5		— 0.5		— 0.5		ML	
LO		0–7		1.0 – 5.0		1.5 – 4.5		1.5 – 4.5		6.0		— 1.0		— 1.0		— 0.5		LO	
Radar: —					ECM: —					Weapon Stations Diagram:									
ECCM: —					RWR: —														
Arcs: —					DDS: —														
Search: —					DJM: —														
Track: —					AJM: —														
Lock-On: —					BJM: —														
Guns: Four 20 mm Hispano Mk V					Technology:					Load Point Limits: CL : < 3									
To Hit: 7/4/3					None					1/2: < 5									
Ammunition: 5.0										Weight Limit: 2,000 DT : ≥ 5									
Gunsight: TT+0/HT+1/BT+2										Station Limit Allowed Loads									
Ranging: —										1 and 6 1,000 BB FT									
AtA/AtG: 5/6*										2–3 and 4–5 200 RK									
Bomb System: Manual										Load Notes:									
Notes:					1. The Vampire FB.6 is a day fighter and fighter-bomber. The “Late” variant described is the 1960 upgrade with an ejection seat. 2. High transonic drag (HTD). Rapid acceleration (RA) if speed ≤ 4.0.					1. Stations 2 to 5 may each carry one or two RP-3 RKs.									
										2. May use 450L FTs.									
										VPs: 5/3/2/1									
										v3 0000000 0000-00-00T00:00:00									

Vampire FB.9										Crew: Pilot					
										Maneuver DPs: LR/DR 1.5 VR 1.0 Turn DPs: CL 1/2 DT TT 0.5 0.5 0.5 HT 1.0 1.0 1.0 BT 1.0 1.0 1.0 ET — — —					
Power APs/DPs: ○															
CL	1/2	DT	Fuel	Cruise Spd. CL: 3.5											Restr. Arcs: —
AB	—	—	—	Climb Spd.: 3.0											Blind Arcs: 30–
M	1.0	0.5	0.5	1.0	Visibility: 4	Internal Fuel: 200									
N	0.0	0.0	0.0	0.5	Size: +1	AtA Refuel: No									
I	1.0	1.0	1.0	0.0	Vulnerability: +0	Ejection Seat: None									
SPBR	1.0	1.0	1.0	—											
Speeds and Ceilings						Climb Capabilities									
Alt. Band	Conf. Ceil.	CL 44	1/2 40	DT 38	Dive Speed	CL AB	Oth	1/2 AB	Oth	DT AB	Oth				
EH+	46+	—	—	—	—	—	—	—	—	—	—	EH+			
VH	36–45	2.5 – 5.0	3.0 – 4.5	3.0 – 4.0	6.0	—	0.5	—	0.5	—	0.5	VH			
HI	26–35	2.0 – 5.0	2.5 – 4.5	2.5 – 4.0	6.0	—	0.5	—	0.5	—	0.5	HI			
MH	17–25	1.5 – 4.5	2.0 – 4.0	2.0 – 4.0	6.0	—	0.5	—	0.5	—	0.5	MH			
ML	8–16	1.5 – 4.5	1.5 – 4.0	1.5 – 4.0	6.0	—	0.5	—	0.5	—	0.5	ML			
LO	0–7	1.0 – 4.5	1.5 – 4.0	1.5 – 4.0	6.0	—	0.5	—	0.5	—	0.5	LO			
Radar: —					ECM: —					Weapon Stations Diagram:					
ECCM: —					RWR: —										
Arcs: —					DDS: —										
Search: —					DJM: —										
Track: —					AJM: —										
Lock-On: —					BJM: —					Load Point Limits: CL : < 3 1/2: < 5 Weight Limit: 2,000 DT : ≥ 5 Station Limit Allowed Loads 1 and 6 1,000 BB FT 2–3 and 4–5 200 RK Load Notes: 1. Stations 2 to 5 may each carry one or two RP-3 RKs. 2. May use 450L FTs.					
Guns: Four 20 mm Hispano Mk V					Technology: None										
To Hit: 7/4/3															
Ammunition: 5.0															
Gunsight: TT+0/HT+1/BT+2															
Ranging: —															
AtA/AtG: 5/6*															
Bomb System: Manual															
Notes: 1. The de Havilland Vampire FB.9 is a day fighter and fighter-bomber. The FB.9 version has provision for air-to-ground ordnance, the Goblin 2 engine, clipped wings, and an air-conditioned cockpit for use in tropical climates. 2. High transonic drag (HTD). Rapid acceleration (RA) if speed ≤ 4.0.															
VPs: 5/3/2/1												v3 0000000 0000-00-00T00:00:00			

Vampire FB.9 (Goblin 3)										Crew: Pilot									
										Maneuver DPs:									
LR/DR 1.5																			
VR 1.0																			
Turn DPs:																			
CL 1/2 DT																			
TT 0.5 0.5 0.5																			
HT 1.0 1.0 1.0																			
BT 1.0 1.0 1.0																			
ET — — —																			
Power APs/DPs: ○					Cruise Spd. CL: 3.5					Restr. Arcs: —									
CL 1/2 DT Fuel					Climb Spd.: 3.0					Blind Arcs: 30–									
AB — — — —					Visibility: 4					Internal Fuel: 200									
M 1.0 0.5 0.5 1.0					Size: +1					AtA Refuel: No									
N 0.0 0.0 0.0 0.5					Vulnerability: +0					Ejection Seat: None									
I 1.0 1.0 1.0 0.0																			
SPBR 1.0 1.0 1.0 —																			
Speeds and Ceilings										Climb Capabilities									
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT					
Band Ceil.		44		40		38		Speed		AB Oth		AB Oth		AB Oth					
EH+ 46+		—		—		—		—		— —		— —		— —		EH+			
VH 36–45		2.5 – 5.0		3.0 – 4.5		3.0 – 4.0		6.0		— 0.5		— 0.5		— 0.5		VH			
HI 26–35		2.0 – 5.0		2.5 – 4.5		2.5 – 4.0		6.0		— 0.5		— 0.5		— 0.5		HI			
MH 17–25		1.5 – 5.0		2.0 – 4.5		2.0 – 4.5		6.0		— 0.5		— 0.5		— 0.5		MH			
ML 8–16		1.5 – 5.0		1.5 – 4.5		1.5 – 4.5		6.0		— 0.5		— 0.5		— 0.5		ML			
LO 0–7		1.0 – 5.0		1.5 – 4.5		1.5 – 4.5		6.0		— 1.0		— 1.0		— 0.5		LO			
Radar: —					ECM: —					Weapon Stations Diagram:									
ECCM: —					RWR: —														
Arcs: —					DDS: —														
Search: —					DJM: —														
Track: —					AJM: —														
Lock-On: —					BJM: —														
Guns: Four 20 mm Hispano Mk V					Technology: —					Load Point Limits: CL : < 3									
To Hit: 7/4/3					None					1/2: < 5									
Ammunition: 5.0										Weight Limit: 2,000 DT : ≥ 5									
Gunsight: TT+0/HT+1/BT+2										Station Limit Allowed Loads									
Ranging: —										1 and 6 1,000 BB FT									
AtA/AtG: 5/6*										2–3 and 4–5 200 RK									
Bomb System: Manual										Load Notes:									
										1. Stations 2 to 5 may each carry one or two RP-3 RKs.									
										2. May use 450L FTs.									
Notes:																			
1. The de Havilland Vampire FB.9 is a day fighter and fighter-bomber. This “Goblin 3” version is a derivative of the base version, but is equipped with the more powerful Goblin 3 engine.																			
2. High transonic drag (HTD). Rapid acceleration (RA) if speed ≤ 4.0.																			
VPs: 5/3/2/1										v3 00000000 0000-00-00T00:00:00									

Vampire NF.10										Crew: Pilot and Radar Operator														
										Maneuver DPs: LR/DR 1.5 VR 1.0														
Turn DPs: CL 1/2 DT TT 0.5 0.5 0.5 HT 1.0 1.0 1.0 BT 1.0 1.0 1.0 ET — — —																								
															Power APs/DPs: ○ CL 1/2 DT Fuel AB — — — — M 1.0 0.5 0.5 1.0 N 0.0 0.0 0.0 0.5 I 1.0 1.0 1.0 0.0 SPBR 1.0 1.0 1.0 —									
										Cruise Spd. CL: 3.5 Restr. Arcs: — Climb Spd.: 3.0 Blind Arcs: 30– Visibility: 4 Internal Fuel: 200 Size: +1 AtA Refuel: No Vulnerability: +0 Ejection Seat: None														
Speeds and Ceilings										Climb Capabilities														
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT										
Band Ceil.		44		40		38		Speed		AB Oth		AB Oth		AB Oth										
EH+ 46+		—		—		—		—		— —		— —		— —		EH+								
VH 36–45		2.5 – 5.0		3.0 – 4.5		3.0 – 4.0		6.0		— 0.5		— 0.5		— 0.5		VH								
HI 26–35		2.0 – 5.0		2.5 – 4.5		2.5 – 4.0		6.0		— 0.5		— 0.5		— 0.5		HI								
MH 17–25		1.5 – 4.5		2.0 – 4.0		2.0 – 4.0		6.0		— 0.5		— 0.5		— 0.5		MH								
ML 8–16		1.5 – 4.5		1.5 – 4.0		1.5 – 4.0		6.0		— 0.5		— 0.5		— 0.5		ML								
LO 0–7		1.0 – 4.5		1.5 – 4.0		1.5 – 4.0		6.0		— 0.5		— 0.5		— 0.5		LO								
Radar: AI Mk X					ECM: IFF					Weapon Stations Diagram:														
ECCM: 0					RWR: —																			
Arcs: Limited					DDS: —																			
Search: 15–3					DJM: —																			
Track: —					AJM: —																			
Lock-On: —					BJM: —					Load Point Limits: CL : < 3 1/2: < 5 Weight Limit: 2,000 DT : ≥ 5 Station Limit Allowed Loads 1 and 2 1,000 FT Load Notes: 1. May use 450L FTs.														
Guns: Four 20 mm Hispano Mk V					Technology:																			
To Hit: 7/4/3					None																			
Ammunition: 5.0																								
Gunsight: TT+0/HT+1/BT+2																								
Ranging: —										VPs: 5/3/2/1														
AtA/AtG: 5/6*																								
Bomb System: Manual					Notes: 1. The de Havilland Vampire NF.10 is a night fighter. The NF.10 version is derived from the FB.5, but has a new forward fuselage for the AI Mk X radar and two crew members. 2. High transonic drag (HTD). Rapid acceleration (RA) if speed ≤ 4.0.																			
v3 0000000 0000-00-00T00:00:00																								

Vampire T.11										Crew: Pilot and Observer																			
										Maneuver DPs:																			
LR/DR		1.5																											
VR		1.0																											
Power APs/DPs: ○										Turn DPs:																			
CL		1/2		DT		Fuel		CL		1/2		DT																	
AB		—		—		—		TT		0.5		0.5																	
M		1.0		0.5		1.0		HT		1.0		1.0																	
N		0.0		0.0		0.5		BT		1.0		1.0																	
I		1.0		1.0		0.0		ET		—		—																	
SPBR		1.0		1.0		—																							
					Cruise Spd. CL: 3.5 Restr. Arcs: —																								
					Climb Spd.: 3.0 Blind Arcs: 30–																								
					Visibility: 4 Internal Fuel: 200																								
					Size: +1 AtA Refuel: No																								
					Vulnerability: +0 Ejection Seat: None																								
Speeds and Ceilings										Climb Capabilities																			
Alt. Band		Conf. Ceil.		CL 44		1/2 40		DT 38		Dive Speed		CL AB Oth		1/2 AB Oth		DT AB Oth													
EH+		46+		—		—		—		—		—		—		—		EH+											
VH		36–45		2.5 – 5.0		3.0 – 4.5		3.0 – 4.0		6.0		— 0.5		— 0.5		— 0.5		VH											
HI		26–35		2.0 – 5.0		2.5 – 4.5		2.5 – 4.0		6.0		— 0.5		— 0.5		— 0.5		HI											
MH		17–25		1.5 – 4.5		2.0 – 4.0		2.0 – 4.0		6.0		— 0.5		— 0.5		— 0.5		MH											
ML		8–16		1.5 – 4.5		1.5 – 4.0		1.5 – 4.0		6.0		— 0.5		— 0.5		— 0.5		ML											
LO		0–7		1.0 – 4.5		1.5 – 4.0		1.5 – 4.0		6.0		— 0.5		— 0.5		— 0.5		LO											
Radar: —					ECM: —					Weapon Stations Diagram:																			
ECCM: —					RWR: —																								
Arcs: —					DDS: —																								
Search: —					DJM: —																								
Track: —					AJM: —																								
Lock-On: —					BJM: —																								
Guns: Four 20 mm Hispano Mk V					Technology: None					Load Point Limits: CL : < 3																			
To Hit: 7/4/3										1/2: < 5																			
Ammunition: 5.0										Weight Limit: 2,000 DT : ≥ 5																			
Gunsight: TT+0/HT+1/BT+2										Station Limit Allowed Loads																			
Ranging: —										1 and 6 1,000 BB FT																			
AtA/AtG: 5/6*										2–3 and 4–5 200 RK																			
Bomb System: Manual										Load Notes:																			
										1. Stations 2 to 5 may each carry one or two RP-3 RKs.																			
										2. May use 450L FTs.																			
Notes:																													
1. The de Havilland Vampire T.11 is a trainer with a secondary light attack capability. The T.11 is derived from the FB.5, but has a new forward fuselage similar to that of the NF.10.																													
2. High transonic drag (HTD). Rapid acceleration (RA) if speed ≤ 4.0.																													
										VPs: 5/3/2/1										v3 0000000 0000-00-00T00:00:00									

Vampire T.11 (Late)										Crew: Pilot and Observer									
										Maneuver DPs: LR/DR 1.5 VR 1.0 Turn DPs: CL 1/2 DT TT 0.5 0.5 0.5 HT 1.0 1.0 1.0 BT 1.0 1.0 1.0 ET — — —									
Power APs/DPs: ○																			
CL	1/2	DT	Fuel																
AB	—	—	—	—															
M	1.0	0.5	0.5	1.0															
N	0.0	0.0	0.0	0.5															
I	1.0	1.0	1.0	0.0															
SPBR	1.0	1.0	1.0	—															
					Cruise Spd. CL: 3.5 Restr. Arcs: — Climb Spd.: 3.0 Blind Arcs: 30– Visibility: 4 Internal Fuel: 200 Size: +1 AtA Refuel: No Vulnerability: +0 Ejection Seat: Early														
Speeds and Ceilings										Climb Capabilities									
Alt.	Conf.	CL		1/2		DT		Dive		CL		1/2		DT					
Band	Ceil.	44		40		38		Speed		AB	Oth	AB	Oth	AB	Oth				
EH+	46+	—		—		—		—		—	—	—	—	—	—	EH+			
VH	36–45	2.5 – 5.0		3.0 – 4.5		3.0 – 4.0		6.0		—	0.5	—	0.5	—	0.5	VH			
HI	26–35	2.0 – 5.0		2.5 – 4.5		2.5 – 4.0		6.0		—	0.5	—	0.5	—	0.5	HI			
MH	17–25	1.5 – 4.5		2.0 – 4.0		2.0 – 4.0		6.0		—	0.5	—	0.5	—	0.5	MH			
ML	8–16	1.5 – 4.5		1.5 – 4.0		1.5 – 4.0		6.0		—	0.5	—	0.5	—	0.5	ML			
LO	0–7	1.0 – 4.5		1.5 – 4.0		1.5 – 4.0		6.0		—	0.5	—	0.5	—	0.5	LO			
Radar: —					ECM:					Weapon Stations Diagram:									
ECCM: —					RWR: —														
Arcs: —					DDS: —														
Search: —					DJM: —														
Track: —					AJM: —														
Lock-On: —					BJM: —														
Guns: Four 20 mm Hispano Mk V					Technology:					Load Point Limits: CL : < 3									
To Hit: 7/4/3					None					1/2: < 5									
Ammunition: 5.0										Weight Limit: 2,000 DT : ≥ 5									
Gunsight: TT+0/HT+1/BT+2										Station Limit Allowed Loads									
Ranging: —										1 and 6 1,000 BB FT									
AtA/AtG: 5/6*										2–3 and 4–5 200 RK									
Bomb System: Manual										Load Notes:									
										1. Stations 2 to 5 may each carry one or two RP-3 RKs.									
										2. May use 450L FTs.									
Notes:																			
1. The de Havilland Vampire T.11 is a trainer with a secondary light attack capability. The T.11 is derived from the FB.5, but has a new forward fuselage similar to that of the NF.10. This “Late” version is refitted with ejection seats.																			
2. High transonic drag (HTD). Rapid acceleration (RA) if speed ≤ 4.0.																			

Sea Vampire F.20										Crew: Pilot						
										Maneuver DPs:						
LR/DR		1.5														
VR		1.0														
Power APs/DPs: ○										Turn DPs:						
CL		1/2	DT	Fuel	CL		1/2	DT								
AB		—	—	—	—	TT		0.5	0.5	0.5						
M		1.0	0.5	0.5	1.0	HT		1.0	1.0	1.0						
N		0.0	0.0	0.0	0.5	BT		1.0	1.0	1.0						
I		1.0	1.0	1.0	0.0	ET		—	—	—						
SPBR		2.0	2.0	2.0	—											
					Cruise Spd. CL: 3.5 Restr. Arcs: —											
					Climb Spd.: 3.0 Blind Arcs: 30–											
					Visibility: 4 Internal Fuel: 200											
					Size: +1 AtA Refuel: No											
					Vulnerability: +0 Ejection Seat: None											
Speeds and Ceilings						Climb Capabilities										
Alt.	Conf.	CL		1/2		DT		Dive		CL		1/2		DT		
Band	Ceil.	44		40		38		Speed		AB	Oth	AB	Oth	AB	Oth	
EH+	46+	—		—		—		—		—	—	—	—	—	—	EH+
VH	36–45	2.5 – 5.0		3.0 – 4.5		3.0 – 4.0		6.0		—	0.5	—	0.5	—	0.5	VH
HI	26–35	2.0 – 5.0		2.5 – 4.5		2.5 – 4.0		6.0		—	0.5	—	0.5	—	0.5	HI
MH	17–25	1.5 – 4.5		2.0 – 4.0		2.0 – 4.0		6.0		—	0.5	—	0.5	—	0.5	MH
ML	8–16	1.5 – 4.5		1.5 – 4.0		1.5 – 4.0		6.0		—	0.5	—	0.5	—	0.5	ML
LO	0–7	1.0 – 4.5		1.5 – 4.0		1.5 – 4.0		6.0		—	0.5	—	0.5	—	0.5	LO
Radar: —					ECM:					Weapon Stations Diagram:						
ECCM: —					RWR: —											
Arcs: —					DDS: —											
Search: —					DJM: —											
Track: —					AJM: —											
Lock-On: —					BJM: —											
Guns: Four 20 mm Hispano Mk V					Technology:					Load Point Limits: CL : < 3						
To Hit: 7/4/3					None					1/2: < 5						
Ammunition: 5.0										Weight Limit: 2,000 DT : ≥ 5						
Gunsight: TT+0/HT+1/BT+2										Station Limit Allowed Loads						
Ranging: —										1 and 6 1,000 BB FT						
AtA/AtG: 5/6*										2–3 and 4–5 200 RK						
Bomb System: Manual										Load Notes:						
Notes: 1. The de Havilland Sea Vampire F.20 is a carrier-capable day fighter and fighter-bomber. It is an adaptation of the Vampire FB.5 for carrier operation, with an arrestor hook, strengthened undercarriage, and more effective speed brakes. 2. High transonic drag (HTD). Rapid acceleration (RA) if speed ≤ 4.0.										1. Stations 2 to 5 may each carry one or two RP-3 RKs.						
										2. May use 450L FTs.						
					VPs: 5/3/2/1					v3 0000000 0000-00-00T00:00:00						

Sea Vampire T.22										Crew: Pilot and Observer				
										Maneuver DPs:				
LR/DR		1.5												
VR		1.0												
Power APs/DPs: ○										Turn DPs:				
CL		1/2	DT	Fuel	CL		1/2	DT						
AB		—	—	—	—	TT		0.5	0.5	0.5				
M		1.0	0.5	0.5	1.0	HT		1.0	1.0	1.0				
N		0.0	0.0	0.0	0.5	BT		1.0	1.0	1.0				
I		1.0	1.0	1.0	0.0	ET		—	—	—				
SPBR		1.0	1.0	1.0	—									
					Cruise Spd. CL: 3.5					Restr. Arcs:		—		
					Climb Spd.: 3.0		Blind Arcs:		30–					
					Visibility: 4		Internal Fuel:		200					
					Size: +1		AtA Refuel:		No					
					Vulnerability: +0		Ejection Seat:		None					
Speeds and Ceilings						Climb Capabilities								
Alt.	Conf.	CL	1/2	DT	Dive	CL		1/2		DT				
Band	Ceil.	44	40	38	Speed	AB	Oth	AB	Oth	AB	Oth			
EH+	46+	—	—	—	—	—	—	—	—	—	—	EH+		
VH	36–45	2.5 – 5.0	3.0 – 4.5	3.0 – 4.0	6.0	—	0.5	—	0.5	—	0.5	VH		
HI	26–35	2.0 – 5.0	2.5 – 4.5	2.5 – 4.0	6.0	—	0.5	—	0.5	—	0.5	HI		
MH	17–25	1.5 – 4.5	2.0 – 4.0	2.0 – 4.0	6.0	—	0.5	—	0.5	—	0.5	MH		
ML	8–16	1.5 – 4.5	1.5 – 4.0	1.5 – 4.0	6.0	—	0.5	—	0.5	—	0.5	ML		
LO	0–7	1.0 – 4.5	1.5 – 4.0	1.5 – 4.0	6.0	—	0.5	—	0.5	—	0.5	LO		
Radar: —					ECM: —					Weapon Stations Diagram:				
ECCM: —					RWR: —									
Arcs: —					DDS: —									
Search: —					DJM: —									
Track: —					AJM: —									
Lock-On: —					BJM: —									
Guns: Four 20 mm Hispano Mk V					Technology: None					Load Point Limits: CL : < 3				
To Hit: 7/4/3										1/2: < 5				
Ammunition: 5.0										Weight Limit: 2,000 DT : ≥ 5				
Gunsight: TT+0/HT+1/BT+2										Station Limit Allowed Loads				
Ranging: —										1 and 6 1,000 BB FT				
AtA/AtG: 5/6*										2–3 and 4–5 200 RK				
Bomb System: Manual										Load Notes:				
										1. Stations 2 to 5 may each carry one or two RP-3 RKs.				
										2. May use 450L FTs.				
Notes:														
1. The de Havilland Sea Vampire T.22 is a trainer with a secondary light attack capability. It is derived from the Vampire T.11 and is not carrier-capable.														
2. High transonic drag (HTD). Rapid acceleration (RA) if speed ≤ 4.0.														

Sea Vampire T.22 (Late)										Crew: Pilot and Observer						
										Maneuver DPs:						
LR/DR		1.5														
VR		1.0														
Power APs/DPs: ○										Turn DPs:						
CL		1/2	DT	Fuel	CL		1/2	DT								
AB		—	—	—	—	TT		0.5	0.5	0.5						
M		1.0	0.5	0.5	1.0	HT		1.0	1.0	1.0						
N		0.0	0.0	0.0	0.5	BT		1.0	1.0	1.0						
I		1.0	1.0	1.0	0.0	ET		—	—	—						
SPBR		1.0	1.0	1.0	—											
					Cruise Spd. CL: 3.5 Restr. Arcs: —											
					Climb Spd.: 3.0 Blind Arcs: 30–											
					Visibility: 4 Internal Fuel: 200											
					Size: +1 AtA Refuel: No											
					Vulnerability: +0 Ejection Seat: Early											
Speeds and Ceilings						Climb Capabilities										
Alt.	Conf.	CL		1/2		DT		Dive		CL		1/2		DT		
Band	Ceil.	44		40		38		Speed		AB Oth		AB Oth		AB Oth		
EH+	46+	—		—		—		—		— —		— —		— —		EH+
VH	36–45	2.5 – 5.0		3.0 – 4.5		3.0 – 4.0		6.0		— 0.5		— 0.5		— 0.5		VH
HI	26–35	2.0 – 5.0		2.5 – 4.5		2.5 – 4.0		6.0		— 0.5		— 0.5		— 0.5		HI
MH	17–25	1.5 – 4.5		2.0 – 4.0		2.0 – 4.0		6.0		— 0.5		— 0.5		— 0.5		MH
ML	8–16	1.5 – 4.5		1.5 – 4.0		1.5 – 4.0		6.0		— 0.5		— 0.5		— 0.5		ML
LO	0–7	1.0 – 4.5		1.5 – 4.0		1.5 – 4.0		6.0		— 0.5		— 0.5		— 0.5		LO
Radar: —					ECM: —					Weapon Stations Diagram:						
ECCM: —					RWR: —											
Arcs: —					DDS: —											
Search: —					DJM: —											
Track: —					AJM: —											
Lock-On: —					BJM: —											
Guns: Four 20 mm Hispano Mk V					Technology: —					Load Point Limits: CL : < 3						
To Hit: 7/4/3					None					1/2: < 5						
Ammunition: 5.0										Weight Limit: 2,000 DT : ≥ 5						
Gunsight: TT+0/HT+1/BT+2										Station Limit Allowed Loads						
Ranging: —										1 and 6 1,000 BB FT						
AtA/AtG: 5/6*										2–3 and 4–5 200 RK						
Bomb System: Manual										Load Notes:						
										1. Stations 2 to 5 may each carry one or two RP-3 RKs.						
										2. May use 450L FTs.						
Notes:																
1. The de Havilland Sea Vampire T.22 is a trainer with a secondary light attack capability. It is derived from the Vampire T.11 and is not carrier-capable. This “Late” version is refitted with ejection seats.																
2. High transonic drag (HTD). Rapid acceleration (RA) if speed ≤ 4.0.																
										</						

Vampire F.30										Crew: Pilot									
										Maneuver DPs: <div>LR/DR1.5</div> <div>VR1.0</div>									
Turn DPs: <div><div>CL1/2DT</div><div>TT0.50.50.5</div><div>HT1.01.01.0</div><div>BT1.01.01.0</div><div>ET— — —</div></div>																			
															Cruise Spd. CL: 3.5 Restr. Arcs: — Climb Spd.: 3.0 Blind Arcs: 30— Visibility: 4 Internal Fuel: 200 Size: +1 AtA Refuel: No Vulnerability: +0 Ejection Seat: None				
Power APs/DPs: ○																			
<div>CL1/2DTFuel</div> <div>AB— — — —</div> <div>M1.01.01.01.5</div> <div>N0.00.00.00.5</div> <div>I1.01.01.00.0</div> <div>SPBR1.01.01.0—</div>																			
Speeds and Ceilings						Climb Capabilities													
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT					
Band Ceil.		48		44		40		Speed		AB Oth		AB Oth		AB Oth					
EH+ 46+		—		—		—		—		— —		— —		— —		EH+			
VH 36–45		2.5 – 5.5		3.0 – 5.0		3.0 – 4.5		6.0		— 0.5		— 0.5		— 0.5		VH			
HI 26–35		2.0 – 5.5		2.5 – 5.0		2.5 – 4.5		6.5		— 0.5		— 0.5		— 0.5		HI			
MH 17–25		1.5 – 5.5		2.0 – 5.0		2.0 – 5.0		6.5		— 0.5		— 0.5		— 0.5		MH			
ML 8–16		1.5 – 5.5		1.5 – 5.0		1.5 – 5.0		6.5		— 1.0		— 1.0		— 1.0		ML			
LO 0–7		1.0 – 5.5		1.5 – 5.0		1.5 – 5.0		6.0		— 1.5		— 1.0		— 1.0		LO			

Radar: —			ECM:			Weapon Stations Diagram:											
ECCM: —			RWR: —														
Arcs: —			DDS: —														
Search: —			DJM: —														
Track: —			AJM: —														
Lock-On: —			BJM: —														
Guns: Four 20 mm Hispano Mk V			Technology:			Load Point Limits: CL : < 3											
To Hit: 7/4/3			None			1/2: < 5											
Ammunition: 5.0						Weight Limit: 2,000 DT : ≥ 5											
Gunsight: TT+0/HT+1/BT+2						Station Limit Allowed Loads											
Ranging: —						1 and 2 1,000 FT											
AtA/AtG: 5/6*						Load Notes:											
Bomb System: Manual			1. May use 450L FTs.														
Notes:																	
1. The Vampire F.30 a day fighter. It is a derivative of the de Havilland Vampire F.3 but with a more powerful Nene engine.																	
2. High transonic drag (HTD). Rapid acceleration (RA) if speed ≤ 4.0.																	

Vampire FB.31										Crew: Pilot									
										Maneuver DPs: <div>LR/DR1.5</div> <div>VR1.0</div>									
Turn DPs: <div>CL1/2DT</div> <div>TT0.50.50.5</div> <div>HT1.01.01.0</div> <div>BT1.01.01.0</div> <div>ET— — —</div>																			
															Cruise Spd. CL: 3.5 Restr. Arcs: — Climb Spd.: 3.0 Blind Arcs: 30– Visibility: 4 Internal Fuel: 200 Size: +1 AtA Refuel: No Vulnerability: +0 Ejection Seat: None				
Power APs/DPs: ○																			

Vampire T.33										Crew: Pilot and Observer									
										Maneuver DPs: <div>LR/DR1.5</div> <div>VR1.0</div>									
Turn DPs: <div><div>CL1/2DT</div><div>TT0.50.50.5</div><div>HT1.01.01.0</div><div>BT1.01.01.0</div><div>ET— — —</div></div>																			
															Cruise Spd. CL: 3.5 Restr. Arcs: — Climb Spd.: 3.0 Blind Arcs: 30– Visibility: 4 Internal Fuel: 200 Size: +1 AtA Refuel: No Vulnerability: +0 Ejection Seat: None				
					Power APs/DPs: ○ <div><div>CL1/2DTFuel</div><div>AB— — — —</div><div>M1.00.50.51.0</div><div>N0.00.00.00.5</div><div>I1.01.01.00.0</div><div>SPBR1.01.01.0—</div></div>														
Speeds and Ceilings										Climb Capabilities									
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT					
Band Ceil.		44		40		38		Speed		AB Oth		AB Oth		AB Oth					
EH+ 46+		—		—		—		—		— —		— —		— —		EH+			
VH 36–45		2.5 – 5.0		3.0 – 4.5		3.0 – 4.0		6.0		— 0.5		— 0.5		— 0.5		VH			
HI 26–35		2.0 – 5.0		2.5 – 4.5		2.5 – 4.0		6.0		— 0.5		— 0.5		— 0.5		HI			
MH 17–25		1.5 – 4.5		2.0 – 4.0		2.0 – 4.0		6.0		— 0.5		— 0.5		— 0.5		MH			
ML 8–16		1.5 – 4.5		1.5 – 4.0		1.5 – 4.0		6.0		— 0.5		— 0.5		— 0.5		ML			
LO 0–7		1.0 – 4.5		1.5 – 4.0		1.5 – 4.0		6.0		— 0.5		— 0.5		— 0.5		LO			
Radar: —					ECM: —					Weapon Stations Diagram:									
ECCM: —					RWR: —														
Arcs: —					DDS: —														
Search: —					DJM: —														
Track: —					AJM: —														
Lock-On: —					BJM: —														
Guns: Four 20 mm Hispano Mk V					Technology: —					Load Point Limits: CL : < 3									
To Hit: 7/4/3					None					1/2: < 5									
Ammunition: 5.0										Weight Limit: 2,000 DT : ≥ 5									
Gunsight: TT+0/HT+1/BT+2										Station Limit Allowed Loads									
Ranging: —										1 and 6 1,000 BB FT									
AtA/AtG: 5/6*										2–3 and 4–5 200 RK									
Bomb System: Manual										Load Notes:									
Notes: 1. The Vampire T.33 is a trainer with a secondary light attack capability. It is a license-built version of the de Havilland Vampire T.11. 2. High transonic drag (HTD). Rapid acceleration (RA) if speed ≤ 4.0.										1. Stations 2 to 5 may each carry one or two RP-3 RKs.									
										2. May use 450L FTs.									
VPs: 5/3/2/1										v3 0000000 0000-00-00T00:00:00									

Vampire T.33A										Crew: Pilot and Observer																			
										Maneuver DPs:																			
LR/DR		1.5																											
VR		1.0																											
Power APs/DPs: ○										Turn DPs:																			
CL		1/2	DT	Fuel			CL	1/2	DT																				
AB		—	—	—	—			TT	0.5	0.5	0.5																		
M		1.0	0.5	0.5	1.0			HT	1.0	1.0	1.0																		
N		0.0	0.0	0.0	0.5			BT	1.0	1.0	1.0																		
I		1.0	1.0	1.0	0.0			ET	—	—	—																		
SPBR		1.0	1.0	1.0	—																								
					Cruise Spd. CL: 3.5 Restr. Arcs: —																								
					Climb Spd.: 3.0 Blind Arcs: 30–																								
					Visibility: 4 Internal Fuel: 200																								
					Size: +1 AtA Refuel: No																								
					Vulnerability: +0 Ejection Seat: Early																								
Speeds and Ceilings										Climb Capabilities																			
Alt.		Conf.	CL		1/2		DT		Dive		CL		1/2		DT														
Band		Ceil.	44		40		38		Speed		AB Oth		AB Oth		AB Oth														
EH+		46+	—		—		—		—		— —		— —		— —		EH+												
VH		36–45	2.5 – 5.0		3.0 – 4.5		3.0 – 4.0		6.0		— 0.5		— 0.5		— 0.5		VH												
HI		26–35	2.0 – 5.0		2.5 – 4.5		2.5 – 4.0		6.0		— 0.5		— 0.5		— 0.5		HI												
MH		17–25	1.5 – 4.5		2.0 – 4.0		2.0 – 4.0		6.0		— 0.5		— 0.5		— 0.5		MH												
ML		8–16	1.5 – 4.5		1.5 – 4.0		1.5 – 4.0		6.0		— 0.5		— 0.5		— 0.5		ML												
LO		0–7	1.0 – 4.5		1.5 – 4.0		1.5 – 4.0		6.0		— 0.5		— 0.5		— 0.5		LO												
Radar:					—					ECM:					Weapon Stations Diagram:														
ECCM:					—					RWR:										—									
Arcs:					—					DDS:										—									
Search:					—					DJM:										—									
Track:					—					AJM:										—									
Lock-On:					—					BJM:					—														
Guns:					Four 20 mm Hispano Mk V					Technology:					Load Point Limits:					CL : < 3									
To Hit:					7/4/3					None										1/2: < 5									
Ammunition:					5.0										Weight Limit:					2,000 DT : ≥ 5									
Gunsight:					TT+0/HT+1/BT+2										Station					Limit					Allowed Loads				
Ranging:					—										1 and 6					1,000					BB FT				
AtA/AtG:					5/6*										2–3 and 4–5					200					RK				
Bomb System:					Manual										Load Notes:														
															1. Stations 2 to 5 may each carry one or two RP-3 RKs.														
															2. May use 450L FTs.														
Notes:																													
1. The Vampire T.33A is a trainer with a secondary light attack capability. It is T.33 refitted with the canopy and ejection seat of the T.35.																													
2. High transonic drag (HTD). Rapid acceleration (RA) if speed ≤ 4.0.																													
</																													

Vampire T.34										Crew: Pilot and Observer						
										Maneuver DPs:						
LR/DR		1.5														
VR		1.0														
Turn DPs:																
		CL	1/2	DT												
TT		0.5	0.5	0.5												
HT		1.0	1.0	1.0												
BT		1.0	1.0	1.0												
ET		—	—	—												
Power APs/DPs:					Cruise Spd. CL: 3.5		Restr. Arcs: —									
CL		1/2	DT	Fuel	Climb Spd.: 3.0		Blind Arcs: 30–									
AB		—	—	—	Visibility: 4		Internal Fuel: 200									
M		1.0	0.5	0.5	Size: +1		AtA Refuel: No									
N		0.0	0.0	0.0	Vulnerability: +0		Ejection Seat: None									
I		1.0	1.0	1.0												
SPBR		1.0	1.0	1.0												
Speeds and Ceilings						Climb Capabilities										
Alt.	Conf.	CL		1/2		DT		Dive		CL		1/2		DT		
Band	Ceil.	44		40		38		Speed		AB	Oth	AB	Oth	AB	Oth	
EH+	46+	—		—		—		—		—	—	—	—	—	—	EH+
VH	36–45	2.5 – 5.0		3.0 – 4.5		3.0 – 4.0		6.0		—	0.5	—	0.5	—	0.5	VH
HI	26–35	2.0 – 5.0		2.5 – 4.5		2.5 – 4.0		6.0		—	0.5	—	0.5	—	0.5	HI
MH	17–25	1.5 – 4.5		2.0 – 4.0		2.0 – 4.0		6.0		—	0.5	—	0.5	—	0.5	MH
ML	8–16	1.5 – 4.5		1.5 – 4.0		1.5 – 4.0		6.0		—	0.5	—	0.5	—	0.5	ML
LO	0–7	1.0 – 4.5		1.5 – 4.0		1.5 – 4.0		6.0		—	0.5	—	0.5	—	0.5	LO

Radar: — ECCM: — Arcs: — Search: — Track: — Lock-On: —	ECM: RWR: — DDS: — DJM: — AJM: — BJM: —	Weapon Stations Diagram:									
Guns: Four 20 mm Hispano Mk V To Hit: 7/4/3 Ammunition: 5.0 Gunsight: TT+0/HT+1/BT+2 Ranging: — AtA/AtG: 5/6*	Technology: None	Load Point Limits: CL : < 3 1/2: < 5 Weight Limit: 2,000 DT : ≥ 5									
Bomb System: Manual		<table border="1"> <thead> <tr> <th>Station</th> <th>Limit</th> <th>Allowed Loads</th> </tr> </thead> <tbody> <tr> <td>1 and 6</td> <td>1,000</td> <td>BB FT</td> </tr> <tr> <td>2–3 and 4–5</td> <td>200</td> <td>RK</td> </tr> </tbody> </table> Load Notes: 1. Stations 2 to 5 may each carry one or two RP-3 RKs. 2. May use 450L FTs.	Station	Limit	Allowed Loads	1 and 6	1,000	BB FT	2–3 and 4–5	200	RK
Station	Limit	Allowed Loads									
1 and 6	1,000	BB FT									
2–3 and 4–5	200	RK									
Notes: 1. The Vampire T.34 is a trainer with a secondary light attack capability. It is a development of the T.33 for RAN use. 2. High transonic drag (HTD). Rapid acceleration (RA) if speed ≤ 4.0.		VPs: 5/3/2/1									
		v3 0000000 0000-00-00T00:00:00									

Vampire T.34A										Crew: Pilot and Observer									
										Maneuver DPs:									
LR/DR		1.5																	
VR		1.0																	
Power APs/DPs: ○										Turn DPs:									
CL		1/2	DT	Fuel			CL	1/2	DT										
AB		—	—	—	—			TT	0.5	0.5	0.5								
M		1.0	0.5	0.5	1.0			HT	1.0	1.0	1.0								
N		0.0	0.0	0.0	0.5			BT	1.0	1.0	1.0								
I		1.0	1.0	1.0	0.0			ET	—	—	—								
SPBR		1.0	1.0	1.0	—														
					Cruise Spd. CL: 3.5 Restr. Arcs: —														
					Climb Spd.: 3.0 Blind Arcs: 30–														
					Visibility: 4 Internal Fuel: 200														
					Size: +1 AtA Refuel: No														
					Vulnerability: +0 Ejection Seat: Early														
Speeds and Ceilings										Climb Capabilities									
Alt.		Conf.	CL		1/2		DT		Dive		CL		1/2		DT				
Band		Ceil.	44		40		38		Speed		AB Oth		AB Oth		AB Oth				
EH+		46+	—		—		—		—		— —		— —		— —		EH+		
VH		36–45	2.5 – 5.0		3.0 – 4.5		3.0 – 4.0		6.0		— 0.5		— 0.5		— 0.5		VH		
HI		26–35	2.0 – 5.0		2.5 – 4.5		2.5 – 4.0		6.0		— 0.5		— 0.5		— 0.5		HI		
MH		17–25	1.5 – 4.5		2.0 – 4.0		2.0 – 4.0		6.0		— 0.5		— 0.5		— 0.5		MH		
ML		8–16	1.5 – 4.5		1.5 – 4.0		1.5 – 4.0		6.0		— 0.5		— 0.5		— 0.5		ML		
LO		0–7	1.0 – 4.5		1.5 – 4.0		1.5 – 4.0		6.0		— 0.5		— 0.5		— 0.5		LO		
Radar: —					ECM:					Weapon Stations Diagram:									
ECCM: —					RWR: —														
Arcs: —					DDS: —														
Search: —					DJM: —														
Track: —					AJM: —														
Lock-On: —					BJM: —														
Guns: Four 20 mm Hispano Mk V					Technology:					Load Point Limits: CL : < 3									
To Hit: 7/4/3					None					1/2: < 5									
Ammunition: 5.0										Weight Limit: 2,000 DT : ≥ 5									
Gunsight: TT+0/HT+1/BT+2										Station Limit Allowed Loads									
Ranging: —										1 and 6 1,000 BB FT									
AtA/AtG: 5/6*										2–3 and 4–5 200 RK									
Bomb System: Manual										Load Notes:									
										1. Stations 2 to 5 may each carry one or two RP-3 RKs.									
										2. May use 450L FTs.									
Notes:																			
1. The Vampire T.34A is a trainer with a secondary light attack capability. It is T.34 refitted with the canopy and ejection seat of the T.35.																			
2. High transonic drag (HTD). Rapid acceleration (RA) if speed ≤ 4.0.																			
										VPs: 5/3/2/1									
										v3 0000000 0000-00-00T00:00:00									

Radar: — ECCM: — Arcs: — Search: — Track: — Lock-On: —	ECM: RWR: — DDS: — DJM: — AJM: — BJM: —	Weapon Stations Diagram:									
Guns: Four 20 mm Hispano Mk V To Hit: 7/4/3 Ammunition: 5.0 Gunsight: TT+0/HT+1/BT+2 Ranging: — AtA/AtG: 5/6*	Technology: None	Load Point Limits: CL : < 3 1/2: < 5 Weight Limit: 2,000 DT : ≥ 5									
Bomb System: Manual		<table border="1"> <thead> <tr> <th>Station</th> <th>Limit</th> <th>Allowed Loads</th> </tr> </thead> <tbody> <tr> <td>1 and 6</td> <td>1,000</td> <td>BB FT</td> </tr> <tr> <td>2–3 and 4–5</td> <td>200</td> <td>RK</td> </tr> </tbody> </table> Load Notes: 1. Stations 2 to 5 may each carry one or two RP-3 RKs. 2. May use 450L FTs.	Station	Limit	Allowed Loads	1 and 6	1,000	BB FT	2–3 and 4–5	200	RK
Station	Limit	Allowed Loads									
1 and 6	1,000	BB FT									
2–3 and 4–5	200	RK									
Notes: 1. The Vampire T.35 is a trainer with a secondary light attack capability. It is a development of the T.33 with a new canopy, ejection seats, and additional fuel. 2. High transonic drag (HTD). Rapid acceleration (RA) if speed ≤ 4.0.		VPs: 5/3/2/1									
		v3 0000000 0000-00-00T00:00:00									

Vampire FB.50										Crew: Pilot			
										Maneuver DPs:			
LR/DR		1.5											
VR		1.0											
Power APs/DPs: ○				Turn DPs:									
CL	1/2	DT	Fuel		CL	1/2	DT						
AB	—	—	—	—									
M	1.0	0.5	0.5	1.0									
N	0.0	0.0	0.0	0.5									
I	1.0	1.0	1.0	0.0									
SPBR	1.0	1.0	1.0	—									
					Cruise Spd. CL: 3.5 Restr. Arcs: —								
					Climb Spd.: 3.0 Blind Arcs: 30–								
					Visibility: 4 Internal Fuel: 200								
					Size: +1 AtA Refuel: No								
					Vulnerability: +0 Ejection Seat: None								
Speeds and Ceilings						Climb Capabilities							
Alt.	Conf.	CL	1/2	DT	Dive	CL	1/2	DT					
Band	Ceil.	44	40	38	Speed	AB	Oth	AB	Oth	AB	Oth		
EH+	46+	—	—	—	—	—	—	—	—	—	—	EH+	
VH	36–45	2.5 – 5.0	3.0 – 4.5	3.0 – 4.0	6.0	—	0.5	—	0.5	—	0.5	VH	
HI	26–35	2.0 – 5.0	2.5 – 4.5	2.5 – 4.0	6.0	—	0.5	—	0.5	—	0.5	HI	
MH	17–25	1.5 – 5.0	2.0 – 4.5	2.0 – 4.5	6.0	—	0.5	—	0.5	—	0.5	MH	
ML	8–16	1.5 – 5.0	1.5 – 4.5	1.5 – 4.5	6.0	—	0.5	—	0.5	—	0.5	ML	
LO	0–7	1.0 – 5.0	1.5 – 4.5	1.5 – 4.5	6.0	—	1.0	—	1.0	—	0.5	LO	

Radar:			—			ECM:						Weapon Stations Diagram:								
ECCM:			—			RWR:			—											
Arcs:			—			DDS:			—											
Search:			—			DJM:			—											
Track:			—			AJM:			—											
Lock-On:			—			BJM:			—											
Guns:			Four 20 mm Hispano Mk V			Technology:						Load Point Limits:			CL : < 3					
To Hit:			7/4/3			None									1/2: < 5					
Ammunition:			5.0									Weight Limit:			2,000			DT : ≥ 5		
Gunsight:			TT+0/HT+1/BT+2									Station			Limit			Allowed Loads		
Ranging:			—									1 and 6			1,000			BB FT		
AtA/AtG:			5/6*									2–3 and 4–5			200			RK		
Bomb System:			Manual									Load Notes:								
												1. Stations 2 to 5 may each carry one or two RP-3 RKs.								
												2. May use 450L FTs.								

Vampire FB.52										Crew: Pilot					
										Maneuver DPs:					
LR/DR		1.5													
VR		1.0													
Power APs/DPs: ○										Turn DPs:					
CL		1/2		DT		Fuel		CL		1/2		DT			
AB		—		—		—		TT		0.5		0.5			
M		1.0		0.5		1.0		HT		1.0		1.0			
N		0.0		0.0		0.5		BT		1.0		1.0			
I		1.0		1.0		0.0		ET		—		—			
SPBR		1.0		1.0		—									
					Cruise Spd. CL: 3.5 Restr. Arcs: —										
					Climb Spd.: 3.0 Blind Arcs: 30–										
					Visibility: 4 Internal Fuel: 200										
					Size: +1 AtA Refuel: No										
					Vulnerability: +0 Ejection Seat: None										
Speeds and Ceilings						Climb Capabilities									
Alt. Conf.		CL		1/2		DT		Dive		CL		1/2		DT	
Band Ceil.		44		40		38		Speed		AB Oth		AB Oth		AB Oth	
EH+		46+		—		—		—		— —		— —		EH+	
VH		36–45		2.5 – 5.0		3.0 – 4.5		3.0 – 4.0		6.0		— 0.5		— 0.5	
HI		26–35		2.0 – 5.0		2.5 – 4.5		2.5 – 4.0		6.0		— 0.5		— 0.5	
MH		17–25		1.5 – 5.0		2.0 – 4.5		2.0 – 4.5		6.0		— 0.5		— 0.5	
ML		8–16		1.5 – 5.0		1.5 – 4.5		1.5 – 4.5		6.0		— 0.5		— 0.5	
LO		0–7		1.0 – 5.0		1.5 – 4.5		1.5 – 4.5		6.0		— 1.0		— 0.5	
Radar: —					ECM: —					Weapon Stations Diagram:					
ECCM: —					RWR: —										
Arcs: —					DDS: —										
Search: —					DJM: —										
Track: —					AJM: —										
Lock-On: —					BJM: —										
Guns: Four 20 mm Hispano Mk V					Technology:					Load Point Limits: CL : < 3					
To Hit: 7/4/3					None					1/2: < 5					
Ammunition: 5.0										Weight Limit: 2,000 DT : ≥ 5					
Gunsight: TT+0/HT+1/BT+2										Station Limit Allowed Loads					
Ranging: —										1 and 6 1,000 BB FT					
AtA/AtG: 5/6*										2–3 and 4–5 200 RK					
Bomb System: Manual										Load Notes:					
										1. Stations 2 to 5 may each carry one or two RP-3 RKs.					
										2. May use 450L FTs.					
Notes:															
1. The de Havilland Vampire FB.52 is a day fighter and fighter-bomber. The FB.52 version is an export version of the FB.6, with provision for air-to-ground ordnance, the Goblin 3 engine, and clipped wings.															
2. High transonic drag (HTD). Rapid acceleration (RA) if speed ≤ 4.0.															

Vampire FB.52A										Crew: Pilot								
										Maneuver DPs: LR/DR 1.5 VR 1.0 Turn DPs: CL 1/2 DT TT 0.5 0.5 0.5 HT 1.0 1.0 1.0 BT 1.0 1.0 1.0 ET — — —								
Power APs/DPs: ○																		
CL	1/2	DT	Fuel	Cruise Spd. CL: 3.5 Restr. Arcs: — Climb Spd.: 3.0 Blind Arcs: 30– Visibility: 4 Internal Fuel: 200 Size: +1 AtA Refuel: No Vulnerability: +0 Ejection Seat: None														
AB	—	—	—															
M	1.0	0.5	0.5	1.0														
N	0.0	0.0	0.0	0.5														
I	1.0	1.0	1.0	0.0														
SPBR	1.0	1.0	1.0	—														
Speeds and Ceilings						Climb Capabilities												
Alt.	Conf.	CL		1/2	DT	Dive		CL		1/2		DT						
Band	Ceil.	44		40	38	Speed		AB	Oth	AB	Oth	AB	Oth					
EH+	46+	—		—	—	—		—	—	—	—	—	—	EH+				
VH	36–45	2.5 – 5.0		3.0 – 4.5	3.0 – 4.0	6.0		—	0.5	—	0.5	—	0.5	VH				
HI	26–35	2.0 – 5.0		2.5 – 4.5	2.5 – 4.0	6.0		—	0.5	—	0.5	—	0.5	HI				
MH	17–25	1.5 – 4.5		2.0 – 4.0	2.0 – 4.0	6.0		—	0.5	—	0.5	—	0.5	MH				
ML	8–16	1.5 – 4.5		1.5 – 4.0	1.5 – 4.0	6.0		—	0.5	—	0.5	—	0.5	ML				
LO	0–7	1.0 – 4.5		1.5 – 4.0	1.5 – 4.0	6.0		—	0.5	—	0.5	—	0.5	LO				
Radar: —					ECM: —					Weapon Stations Diagram:								
ECCM: —					RWR: —													
Arcs: —					DDS: —													
Search: —					DJM: —													
Track: —					AJM: —													
Lock-On: —					BJM: —													
Guns: Four 20 mm Hispano Mk V					Technology: —					Load Point Limits: CL : < 3								
To Hit: 7/4/3					None					1/2: < 5								
Ammunition: 5.0										Weight Limit: 2,000 DT : ≥ 5								
Gunsight: TT+0/HT+1/BT+2										Station Limit Allowed Loads								
Ranging: —										1 and 6 1,000 BB FT								
AtA/AtG: 5/6*										2–3 and 4–5 200 RK								
Bomb System: Manual										Load Notes:								
Notes: 1. The de Havilland Vampire FB.52A is a day fighter and fighter-bomber. The FB.52A version is an export version of the FB.6, with provision for air-to-ground ordnance, the Goblin 2 engine, and clipped wings. 2. High transonic drag (HTD). Rapid acceleration (RA) if speed ≤ 4.0.										1. Stations 2 to 5 may each carry one or two RP-3 RKs.								
										2. May use 450L FTs.								
										VPs: 5/3/2/1								
										v3 0000000 0000-00-00T00:00:00								

Vampire NF.54										Crew: Pilot and Radar Operator				
										Maneuver DPs: LR/DR 1.5 VR 1.0				
Turn DPs: CL 1/2 DT TT 0.5 0.5 0.5 HT 1.0 1.0 1.0 BT 1.0 1.0 1.0 ET — — —														
Power APs/DPs: ○														
CL	1/2	DT	Fuel											
AB	—	—	—	—										
M	1.0	0.5	0.5	1.0										
N	0.0	0.0	0.0	0.5										
I	1.0	1.0	1.0	0.0										
SPBR	1.0	1.0	1.0	—										
Speeds and Ceilings						Climb Capabilities								
Alt. Band	Conf. Ceil.	CL 44	1/2 40	DT 38	Dive Speed	CL AB	Oth	1/2 AB	Oth	DT AB	Oth			
EH+	46+	—	—	—	—	—	—	—	—	—	—	EH+		
VH	36–45	2.5 – 5.0	3.0 – 4.5	3.0 – 4.0	6.0	—	0.5	—	0.5	—	0.5	VH		
HI	26–35	2.0 – 5.0	2.5 – 4.5	2.5 – 4.0	6.0	—	0.5	—	0.5	—	0.5	HI		
MH	17–25	1.5 – 4.5	2.0 – 4.0	2.0 – 4.0	6.0	—	0.5	—	0.5	—	0.5	MH		
ML	8–16	1.5 – 4.5	1.5 – 4.0	1.5 – 4.0	6.0	—	0.5	—	0.5	—	0.5	ML		
LO	0–7	1.0 – 4.5	1.5 – 4.0	1.5 – 4.0	6.0	—	0.5	—	0.5	—	0.5	LO		
Radar:			AI Mk X		ECM:		IFF		Weapon Stations Diagram:					
ECCM:			0		RWR:		—							
Arcs:			Limited		DDS:		—							
Search:			15–3		DJM:		—							
Track:			—		AJM:		—							
Lock-On:			—		BJM:		—							
Guns:			Four 20 mm Hispano Mk V		Technology:			Load Point Limits:						
To Hit:			7/4/3		None			CL : < 3						
Ammunition:			5.0					1/2: < 5						
Gunsight:			TT+0/HT+1/BT+2					Weight Limit: 2,000						
Ranging:			—					DT : ≥ 5						
AtA/AtG:			5/6*					Station Limit Allowed Loads						
Bomb System:			Manual					1 and 2 1,000 FT						
Notes:									Load Notes:					
1. The de Havilland Vampire NF.54 is a night fighter. The NF.54 is an export version of the NF.10, which is in turn derived from the FB.5, but has a new forward fuselage for the AI Mk X radar and two crew members.									1. May use 450L FTs.					
2. High transonic drag (HTD). Rapid acceleration (RA) if speed ≤ 4.0.														

Vampire T.55										Crew: Pilot and Observer				
										Maneuver DPs: LR/DR 1.5 VR 1.0				
Turn DPs: CL 1/2 DT TT 0.5 0.5 0.5 HT 1.0 1.0 1.0 BT 1.0 1.0 1.0 ET — — —														
Power APs/DPs: ○														
CL	1/2	DT	Fuel											
AB	—	—	—	—										
M	1.0	0.5	0.5	1.0										
N	0.0	0.0	0.0	0.5										
I	1.0	1.0	1.0	0.0										
SPBR	1.0	1.0	1.0	—										
Speeds and Ceilings						Climb Capabilities								
Alt. Band	Conf. Ceil.	CL 44	1/2 40	DT 38	Dive Speed	CL AB	Oth	1/2 AB	Oth	DT AB	Oth			
EH+	46+	—	—	—	—	—	—	—	—	—	—	EH+		
VH	36–45	2.5 – 5.0	3.0 – 4.5	3.0 – 4.0	6.0	—	0.5	—	0.5	—	0.5	VH		
HI	26–35	2.0 – 5.0	2.5 – 4.5	2.5 – 4.0	6.0	—	0.5	—	0.5	—	0.5	HI		
MH	17–25	1.5 – 4.5	2.0 – 4.0	2.0 – 4.0	6.0	—	0.5	—	0.5	—	0.5	MH		
ML	8–16	1.5 – 4.5	1.5 – 4.0	1.5 – 4.0	6.0	—	0.5	—	0.5	—	0.5	ML		
LO	0–7	1.0 – 4.5	1.5 – 4.0	1.5 – 4.0	6.0	—	0.5	—	0.5	—	0.5	LO		
Radar: —					ECM: —					Weapon Stations Diagram:				
ECCM: —					RWR: —									
Arcs: —					DDS: —									
Search: —					DJM: —									
Track: —					AJM: —									
Lock-On: —					BJM: —									
Guns: Four 20 mm Hispano Mk V					Technology: None					Load Point Limits: CL : < 3				
To Hit: 7/4/3										1/2: < 5				
Ammunition: 5.0										Weight Limit: 2,000 DT : ≥ 5				
Gunsight: TT+0/HT+1/BT+2										Station Limit Allowed Loads				
Ranging: —										1 and 6 1,000 BB FT				
AtA/AtG: 5/6*										2–3 and 4–5 200 RK				
Bomb System: Manual										Load Notes:				
Notes: 1. The de Havilland Vampire T.55 is a trainer with a secondary light attack capability. The T.55 is an export version of the T.11. It was designated J28C/Sk28C/Sk28C-1 in service with the Swedish Flygvapnet. 2. High transonic drag (HTD). Rapid acceleration (RA) if speed ≤ 4.0.										1. Stations 2 to 5 may each carry one or two RP-3 RKs.				
										2. May use 450L FTs.				
					VPs: 5/3/2/1					v3 0000000 0000-00-00T00:00:00				

Vampire T.55 (Late)										Crew: Pilot and Observer						
										Maneuver DPs:						
LR/DR		1.5														
VR		1.0														
Power APs/DPs: ○										Turn DPs:						
CL		1/2	DT	Fuel	CL		1/2	DT								
AB		—	—	—	—	TT		0.5	0.5	0.5						
M		1.0	0.5	0.5	1.0	HT		1.0	1.0	1.0						
N		0.0	0.0	0.0	0.5	BT		1.0	1.0	1.0						
I		1.0	1.0	1.0	0.0	ET		—	—	—						
SPBR		1.0	1.0	1.0	—											
					Cruise Spd. CL: 3.5 Restr. Arcs: —											
					Climb Spd.: 3.0 Blind Arcs: 30–											
					Visibility: 4 Internal Fuel: 200											
					Size: +1 AtA Refuel: No											
					Vulnerability: +0 Ejection Seat: Early											
Speeds and Ceilings						Climb Capabilities										
Alt.	Conf.	CL		1/2		DT		Dive		CL		1/2		DT		
Band	Ceil.	44		40		38		Speed		AB Oth		AB Oth		AB Oth		
EH+	46+	—		—		—		—		— —		— —		— —		EH+
VH	36–45	2.5 – 5.0		3.0 – 4.5		3.0 – 4.0		6.0		— 0.5		— 0.5		— 0.5		VH
HI	26–35	2.0 – 5.0		2.5 – 4.5		2.5 – 4.0		6.0		— 0.5		— 0.5		— 0.5		HI
MH	17–25	1.5 – 4.5		2.0 – 4.0		2.0 – 4.0		6.0		— 0.5		— 0.5		— 0.5		MH
ML	8–16	1.5 – 4.5		1.5 – 4.0		1.5 – 4.0		6.0		— 0.5		— 0.5		— 0.5		ML
LO	0–7	1.0 – 4.5		1.5 – 4.0		1.5 – 4.0		6.0		— 0.5		— 0.5		— 0.5		LO
Radar:					ECM:					Weapon Stations Diagram:						
ECCM:					RWR:											
Arcs:					DDS:											
Search:					DJM:											
Track:					AJM:											
Lock-On:					BJM:											
Guns:					Technology:					Load Point Limits:						
Four 20 mm Hispano Mk V					None					CL : < 3						
To Hit:										1/2: < 5						
Ammunition:										Weight Limit:						
5.0										2,000						
Gunsight:										DT : ≥ 5						
TT+0/HT+1/BT+2																
Ranging:										Station						
—										Limit						
AtA/AtG:										Allowed Loads						
5/6*										1 and 6						
										1,000 BB FT						
										2–3 and 4–5						
										200 RK						
Bomb System:										Load Notes:						
Manual										1. Stations 2 to 5 may each carry one or two RP-3 RKs.						
										2. May use 450L FTs.						
Notes:																
1. The de Havilland Vampire T.55 is a trainer with a secondary light attack capability. The T.55 is an export version of the T.11. This “Late” version is refitted with ejection seats. It was designated Sk28C-2 in service with the Swedish Flygvapnet.																
2. High transonic drag (HTD). Rapid acceleration (RA) if speed ≤ 4.0.																

Vampire T.55A										Crew: Pilot and Observer				
										Maneuver DPs:				
LR/DR 1.5														
VR 1.0														
Turn DPs:														
Power APs/DPs: ○					Cruise Spd. CL: 3.5 Restr. Arcs: — Climb Spd.: 3.0 Blind Arcs: 30– Visibility: 4 Internal Fuel: 200 Size: +1 AtA Refuel: No Vulnerability: +0 Ejection Seat: Early					CL 1/2 DT				
CL 1/2 DT Fuel										TT 0.5 0.5 0.5				
AB — — — —										HT 1.0 1.0 1.0				
M 1.0 0.5 0.5 1.0										BT 1.0 1.0 1.0				
N 0.0 0.0 0.0 0.5										ET — — —				
I 1.0 1.0 1.0 0.0														
SPBR 1.0 1.0 1.0 —														
Speeds and Ceilings						Climb Capabilities								
Alt.	Conf.	CL	1/2	DT	Dive	CL		1/2		DT				
Band	Ceil.	44	40	38	Speed	AB	Oth	AB	Oth	AB	Oth			
EH+	46+	—	—	—	—	—	—	—	—	—	—	EH+		
VH	36–45	2.5 – 5.0	3.0 – 4.5	3.0 – 4.0	6.0	—	0.5	—	0.5	—	0.5	VH		
HI	26–35	2.0 – 5.0	2.5 – 4.5	2.5 – 4.0	6.0	—	0.5	—	0.5	—	0.5	HI		
MH	17–25	1.5 – 5.0	2.0 – 4.5	2.0 – 4.5	6.0	—	0.5	—	0.5	—	0.5	MH		
ML	8–16	1.5 – 5.0	1.5 – 4.5	1.5 – 4.5	6.0	—	0.5	—	0.5	—	0.5	ML		
LO	0–7	1.0 – 5.0	1.5 – 4.5	1.5 – 4.5	6.0	—	1.0	—	1.0	—	0.5	LO		
Radar: —					ECM:					Weapon Stations Diagram:				
ECCM: —					RWR: —									
Arcs: —					DDS: —									
Search: —					DJM: —									
Track: —					AJM: —									
Lock-On: —					BJM: —									
Guns: Four 20 mm Hispano Mk V					Technology:					Load Point Limits: CL : < 3				
To Hit: 7/4/3					None					1/2: < 5				
Ammunition: 5.0										Weight Limit: 2,000 DT : ≥ 5				
Gunsight: TT+0/HT+1/BT+2										Station Limit Allowed Loads				
Ranging: —										1 and 6 1,000 BB FT				
AtA/AtG: 5/6*										2–3 and 4–5 200 RK				
Bomb System: Manual										Load Notes:				
Notes: 1. The de Havilland Vampire T.55A is a trainer with a secondary light attack capability. It is a conversion of the FB.50 with the forward fuselage replaced by one similar to the late variant of the T.55. It was designated Sk28C-3 in service with the Swedish Flygvapnet. 2. High transonic drag (HTD). Rapid acceleration (RA) if speed ≤ 4.0.										1. Stations 2 to 5 may each carry one or two RP-3 RKs.				
										2. May use 450L FTs.				
					VPs: 5/3/2/1					v3 0000000 0000-00-00T00:00:00				