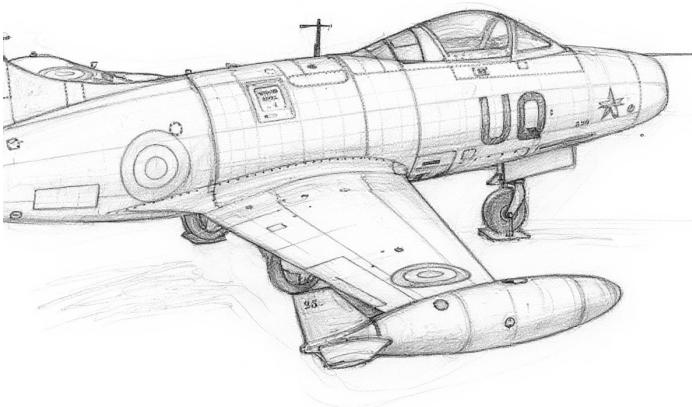


# Dassault Ouragan



The Dassault Ouragan was a fighter-bomber and the first French-designed jet-powered combat aircraft enter service. Like many of its contemporaries, it had a single engine, an air-intake in the nose, swept wings and tail, and wing-tip fuel tanks. Its name means “hurricane” in French.

## Versions

### **MD 450A and MD 450B**

The initial 450A version used a non-afterburning Rolls-Royce Nene 102 engine. The subsequent 450A version used a similar Rolls-Royce Nene 104 engine license-built by Hispano-Suiza and had a revised undercarriage. However, the MD 450B was otherwise almost identical to the MD 450A.

The Ouragan entered service with the Armée de l’Air in 1952, replacing Vampires and other older aircraft. Its service life was short, and in 1955 it was replaced by the Mystère IV.

The Ouragan also served with the Indian Air Force from 1953 and was known as the Toofani (“hurricane” in Hindi). It was withdrawn from front-line services in 1965.

It also served with the Israeli Air Force from 1953 and served until the 1970s. In 1975, several were sold on to El Salvador, where they served until the late 1980s.

## Armament and Stores

The principal armament was four 20 mm Hispano-Suiza cannons under the nose. Two 450L fuel tanks would often be carried for extended range. For air-to-ground missions, the Ouragan could also carry bombs, napalm tanks, 105 mm Brand T-10 rockets, and SNEB 68 mm rocket pods.

## Combat

The Ouragan saw combat with the Israeli Air Force in the Suez Crisis and the 1967 War. In Indian service, it saw combat in the 1962 China-India War and the 1965 India-Pakistan War.

## ADC

- Ouragan

## Photo Credit

- Ouragan: Ad Meskens

<b><i>Ouragan</i></b>					<b>Crew:</b> Pilot						
					<b>Maneuver HFPs/DPs:</b>						
<b>Power APs/DPs:</b> ○					LR/DR	1.0	1.0				
CL    1/2    DT    Fuel					VR	0.5					
AB	—	—	—	—	<b>Turn DPs:</b>						
M	1.0	1.0	1.0	1.0	CL	1/2	DT				
N	0.0	0.0	0.0	0.5	TT	0.0	0.0	1.0			
I	1.0	1.0	1.0	0.0	HT	1.0	1.0	2.0			
SPBR	1.0	1.0	2.0	—	BT	1.0	2.0	2.0			
Cruise Spd. CL: 4.0    Restr. Arcs: —					ET	—	—	—			
Climb Spd.: 3.0    Blind Arcs: 30—											
Visibility: 5    Internal Fuel: 220											
Size: +0    AtA Refuel: No											
Vulnerability: +1    Ejection Seat: Early											
<b>Speeds and Ceilings</b>											
Alt.	Conf.	CL	1/2	DT	Dive	CL	1/2	DT			
Band	Ceil.	42	38	34	Speed	AB Oth	AB Oth	AB Oth			
EH+	46+	—	—	—	—	—	—	—	EH+		
VH	36–45	2.0 – 5.0	2.5 – 4.5	—	6.5	— 0.5	— 0.5	—	VH		
HI	26–35	1.5 – 5.0	2.0 – 4.5	2.0 – 4.5	6.5	— 0.5	— 0.5	— 0.5	HI		
MH	17–25	1.5 – 5.5	1.5 – 5.0	1.5 – 4.5	6.5	— 1.0	— 0.5	— 0.5	MH		
ML	8–16	1.0 – 5.5	1.5 – 5.0	1.5 – 4.5	6.5	— 1.0	— 0.5	— 0.5	ML		
LO	0–7	1.0 – 5.5	1.0 – 5.0	1.5 – 4.5	6.5	— 1.0	— 1.0	— 0.5	LO		
<b>Radar:</b> —					<b>ECM:</b> IFF	<b>Weapon Stations Diagram:</b>					
ECCM: —					RWR: —						
Arcs: —					DDS: —						
Search: —					DJM: —						
Track: —					AJM: —						
Lock-On: —					BJM: —						
<b>Guns:</b> Four 20 mm Hispano Mk V					<b>Technology:</b>						
To Hit:	7/4/3	None					<b>Load Point Limits:</b>				
Ammunition:	5.0						CL : 0–2				
Gunsight:	TT+0/HT+1/BT+2						1/2: 3–6				
Ranging:	—						<b>Weight Limit:</b> 2,200				
AtA/AtG:	5/6*						DT : 7+				
<b>Bomb System:</b> Manual					<b>Station</b> <b>Limit</b> <b>Allowed Loads</b>						
					1–4 and 7–10	150	RK				
					5 and 6	1,100	BB RP RK FT				
					11–12 and 13–14	200	RK				
<b>Notes:</b>					<b>Load Notes:</b>						
1. The Dassault MD 450A/B Ouragan is a fighter-bomber. 2. High transonic drag (HTD).					1. Either stations 1 to 4 and 7 to 10 or 11 to 14 may be used. 2. Stations 1 to 4 and 7 to 10 may each carry one or two T-10 RKS (large RK). 3. May use 450L FTs.						
					<b>VPs:</b> 7/5/2/1						
					v2.0000000 0000-00-00T00:00:00						