

# Bell tiltrotor to replace U.S. Black Hawk

The U.S. Army has selected Bell's V-280 Valor tiltrotor to replace the UH-60 Black Hawk helicopter, which has been flying since the 1970s

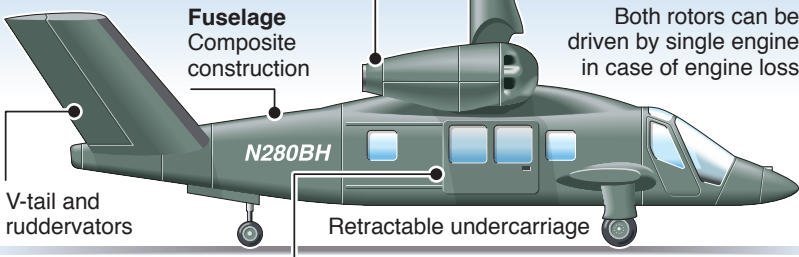
**BELL V-280 VALOR:** Tiltrotor design allows rotors and driveshafts to pivot while engine nacelles remain in place

**Engines:** Two Rolls-Royce AE 1107F turboshafts



Plan view

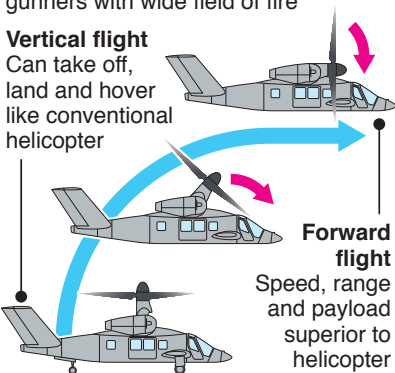
Both rotors can be driven by single engine in case of engine loss



**Side doors:** Allow troops to quickly enter and exit, and provide door gunners with wide field of fire

## Vertical flight

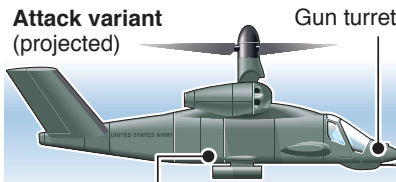
Can take off, land and hover like conventional helicopter



## Forward flight

Speed, range and payload superior to helicopter

## Attack variant (projected)



Gun turret

Internal bay and outboard pylons for guided missiles and rockets

Specifications	V-280	UH-60
Cruise speed	518km/h	268km/h
Range	1,480km	520km
Useful load	5,440kg	4,695kg
Crew	4	2
Troops	14	12