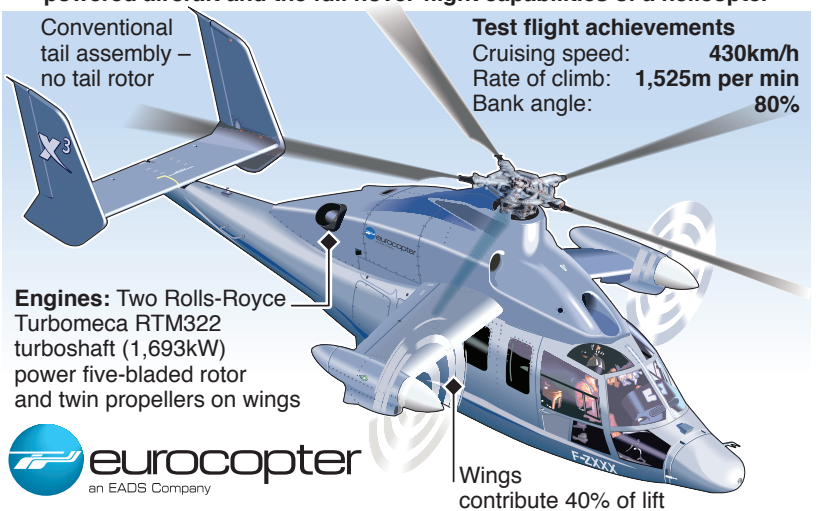
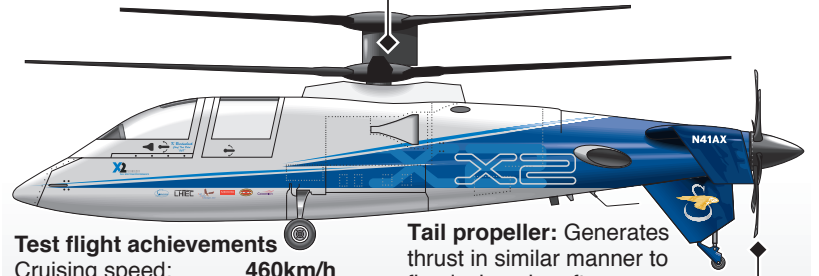
Race for high-speed helicopter flight

Eurocopter's X3 hybrid prototype – a helicopter with wings – promises to change the aviation world, combining the speed of a turboprop-powered aircraft and the full hover-flight capabilities of a helicopter



Sikorsky's X2 prototype: Uses coaxial rotors spinning in opposite directions

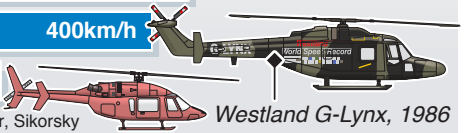
Sikorsky
A United Technologies Company
X2 TECHNOLOGY



Test flight achievements
Cruising speed: 460km/h
Shallow dive 480km/h

Tail propeller: Generates thrust in similar manner to fixed-wing aircraft

Sikorsky X2 (top speed, level-flight)	**463km/h**	*September 15, 2010*
Eurocopter X3	**430km/h**	*May 12, 2011*
World speed record	**400km/h**	
Civil helicopter	**278km/h**	



Westland G-Lynx, 1986

Source: Eurocopter, Sikorsky