

A300-600

FLIGHT MANUAL

LIMITATIONS - AIRSPEEDS AND OPERATIONAL PARAMETERS

2.03.01 AIRSPEEDS

DGAC APPROVED

CONDITIONS		AIRSPEEDS
R	MAXIMUM OPERATING LIMIT SPEED V_{MO} / M_{MO} (This limit must not be intentionally exceeded in any flight regime)	$V_{MO} = 335$ kt IAS $M_{MO} = 0.82$
R	MAXIMUM DESIGN MANEUVERING SPEED V_A (MOD 7047) Full application of rudder and aileron controls, as well as maneuvers that involve angles of attack near the stall, should be confined to speeds below V_A .	<p style="text-align: center;">COFM-02-0300-001-A007AA</p>
R	CAUTION : Rapid and large alternating control inputs, especially in combination with large changes in pitch, roll, or yaw (e.g. large sideslip angles) may result in structural failures at any speed, even below V_A .	
R	MAXIMUM SLATS/FLAPS EXTENDED SPEEDS OR OPERATING SPEEDS	
R	Takeoff V_{FE} slats 15° flaps 0°	250 kt IAS
R	Takeoff and approach slats 15° flaps 15°	215 kt IAS
R	Takeoff, approach and landing slats 15° flaps 20°	205 kt IAS
R	Landing slats 30° flaps 40°	175 kt IAS
	MAXIMUM LANDING GEAR OPERATING SPEEDS $V_{LO EXT}$	270 kt IAS / 0.59 M
	$V_{LO RET}$	240 kt IAS / 0.53 M
	MAXIMUM SPEED WITH LANDING GEAR LOCKED DOWN V_{LE}	270 kt IAS / 0.65 M