



Navion N5429K Checklist

***** BEFORE START *****

BRAKES-----SET
PREFLIGHT-----COMPLETE
TACH TIME-----RECORD
SEATS/SEAT BELTS-----SECURE
FUEL-----MAIN
MIXTURE-----FULL RICH
PROP-----FULL FWD.
THROTTLE-----OPEN 1/8"
COWL FLAPS-----OPEN
TRIM-----SET
FLAPS-----UP
LANDING GEAR-----DOWN
HYDRAULIC POWER-----ON

***** ENGINE START *****

MAGNETOS-----BOTH
MASTER SWITCH-----ON
GEAR LIGHTS-----3 GREEN
FUEL PUMP-----HIGH 6 SEC
FUEL PUMP-----OFF
PROPELLER-----CLEAR
STARTER-----ENGAGE
THROTTLE-----1000 RPM
OIL PRESSURE-----CHECK
AMMETER-----CHECK
FUEL PRESSURE-----CHECK

***** AFTER START *****

AVIONICS MASTER-----ON
RADIOS-----ON/SET
ATIS / AWOS-----CHECK
GPS-----SET
TRANSPONDER-----STANDBY
ALTIMETER-----SET
DIRECTIONAL GYRO-----SET
STROBE / BEACON-----ON
NAV LIGHTS-----AS REQ'D
PARKING BRAKE-----RELEASE
BRAKES-----TEST

***** BEFORE TAKEOFF *****

PARKING BRAKE-----SET
MIXTURE-----RICH
THROTTLE-----1700 RPM
MAGNETOS (175/50)-----CHECK
PROP-----CYCLE 3X
OIL PRESSURE-----CHECK
OIL TEMP-----CHECK
AMMETER-----CHECK
SUCTION-----CHECK
FUEL PRESSURE-----CHECK
CHECK IDLE-----CHECK
FLAPS-----CYCLE/SET
CIRCUIT BREAKERS-----CHECK
FLIGHT CONTROLS-----FREE
SEAT BELTS-----SECURE
CANOPY-----LATCHED
TRANSPONDER-----ALT
MAGNETOS-----BOTH
FUEL SELECTOR-----MAIN *****
SET CLOCK/TIME OFF-----CHECK
CROSSWIND-----CHECK
PARKING BRAKE-----RELEASE

**** AIRSPEEDS (MPH/KNOTS) ****

BEST ANGLE (V_X)-----75
BEST GLIDE-----90
BEST RATE (V_Y)-----100
GEAR EXTENSION (V_{LO})-----100 / 87
FLAP EXTENSION (V_{FE})-----100 / 87
MANEUVERING (V_A)-----124 / 108
MAX. CRUISE (V_{NO})-----160 / 139
NEVER EXCEED (V_{NE})-----190 / 165





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***** AFTER TAKEOFF *****	***** AFTER LANDING *****
LANDING GEAR -----UP/LOCK	FLAPS-----UP
FLAPS-----UP	COWL FLAPS-----OPEN
THROTTLE-----FULL	TRIM -----SET NEUTRAL
LANDING LIGHTS-----OFF	TRANSPONDER -----STBY
HYDRAULIC POWER-----OFF	LANDING LIGHTS-----AS REQ'D
***** CRUISE *****	***** SHUT-DOWN *****
COWL FLAPS-----CLOSED	BRAKES -----SET
THROTTLE-----SET M.P.	THROTTLE-----1000 RPM
PROP -----SET RPM	AVIONICS MASTER-----OFF
MIXTURE -----LEAN	ELECTRICAL ITEMS-----OFF
TRIM -----SET	MIXTURE -----IDLE CUT-OFF
ENGINE INSTRUMENTS --CHECK	MAGNETOS -----OFF
DIRECTIONAL GYRO -----SET	BATTERY / ALTERNATOR-OFF
	BRAKES -----OFF
	COWL FLAPS-----CLOSED
***** DESCENT/APPROACH *****	CANOPY-----LOCKED
FUEL SELECTOR -----MAIN	KEYS-----DASH OR POCKET
MIXTURE -----BEGIN TO RICH	TACH TIME-----RECORD
COWL FLAPS-----TRAIL	COVER -----INSTALLED
RADIOS-----CHECK FREQ	PITOT / INTAKES -----COVERED
AIITS / AWOS-----CHECK	WHEELS -----CHOCKED
	TIE DOWNS-----SECURE
	PROPELLER -----HORIZONTAL
***** BEFORE LANDING *****	**** AIRSPEEDS (MPH/KNOTS) ****
FUEL SELECTOR -----MAIN	BEST ANGLE (V _X)-----75
HYDRAULIC POWER-----ON	BEST GLIDE-----90
MIXTURE -----FULL RICH	BEST RATE (V _Y) -----100
PROP -----Full FWD.	GEAR EXTENSION (V _{LO}) -----100 / 87
FLAPS-----SET	FLAP EXTENSION (V _{FE}) -----100 / 87
LANDING GEAR -----DOWN/LOCK	MANEUVERING (V _A)-----124 / 108
LANDING LIGHTS-----AS REQ'D	MAX. CRUISE (V _{NO})-----160 / 139
SEAT BELTS-----SECURE	NEVER EXCEED (V _{NE})-----190 / 165
CROSSWIND-----CHECK	
500 FT-----CHECK GEAR DOWN	