



CESSNA 150 A

INITIAL	INTERIOR	TAXI	TAKEOFF	DESCENT	AFTER LANDING
Weather & Den. Alt. Weight & Balance Performance Req. Flight Plan - File Paper - ARROW Control Lock Master - On Fuel Quantity All Lights- Check Master - Off Flaps - Down Shutoff Valve - On Seat Track/Back-Lock	Pax & Evacuation Briefing - Realize Seat Track-adjust/lock C. Brakers - Check Fuses - Check All Electrical Eq. - Off Brakes - Test & Set Trim - Set Flaps - Up Fuel Shutoff-Check On	Grnd Traffic - Check Mag Compass - Check Turn Indicator - Check Attitude Ind. - Check Taxi Speed - As Req. <b>BEFORE TAKEOFF</b> Pedal Brake - Set 1000 RPM - Adjust Flight Controls -Check Eng. Inst : - Oil Temp. - Check - Oil Press - Check Throttle - 1600 RPM Engine Inst. : - Oil Temp. - Check - Oil Press - Check - Vacuum Ind - Check - Voltmeter - Check Magneto - Check (125 RPM max. drop) Carb. Heat - Check Throttle - Idle (600 - 800 RPM) Throttle - 1000 RPM Flaps - Check & Set Trim - Recheck Mixture - Rich Cabin Doors - Closed Windows - Closed Radio - Set T/Off Brief - Realize Abort Plan - Ready!	Landing Light - On Transp - On / Alt Altimeter - Set Pitot Heat - As Req. Aircraft-on runway axis compas heading-check Throttle - Full Forward RPM - Check (2320 - 2470 RPM) Oil Temp. - Check Oil Press. - Check Vacuum Ind. - Check Voltmeter - Check Brakes - Release <b>CLIMB</b> Airspeed - 75/80 MPH Throttle - Full Forward Mixture - Rich Landing Light - Off Flaps - Up <b>CRUISE</b> RPM - 2000 to 2750 Trim - Adjust Mixture - Rich/As Req	Radio - Set Altimeter - Set Mixture - Rich Carb. Heat - As Req. Throttle - As Req. Trim - Adjust Airspeed - 90 MPH <b>BEFORE LANDING</b> Seat Belt - Fasten Mixture - Rich Carb. Heat - As Req. Throttle - Closed Landing Light - On Flaps - As Req. <b>GO AROUND</b> <b>Carb Heat - Cold</b> <b>Power - Full Throttle</b> <b>Positive Climb</b> <b>Flaps Up</b>	Landing Light - Off Radio - Set Transpdr - STBY/2000 Flaps - Up Trim - Adjust Grnd Ctrl - Call <b>SHUTDOWN</b> Pedal Brake - Set RPM - 1000 Adjust Radio - Off Lights - Off Transpond - Off Mixture - Idle Cut Off Mags - Off Master - Off Key - Out Flight book complete <b>Close Flight Plan</b> * Adjust Speed As Needed For Conditions
<b>EXTERIOR</b> Fuel Quantity Fuel Quality Caps/Drain/Vents Engine/Oil/Belt Prop / Air Intake Exhaust System Surface & Controls Stall Indicator - Test Pitot and Static Ports Gear / Tires / Brakes Antennas Ties / Chocks Final Walk Around	<b>START</b> Carburator Heat -Cold Mixture - Rich Primer - As Required Throttle 1/4 inch. Prop. Area - Clear Master - On Voltmeter -Check Amperemeter - Check Mags - BOTH Start Switch - Push On Throttle - 1000 RPM Oil Press - Check Oil Temp - Check Vacuum Ind - Check <b>BEFORE TAXI</b> Seat Belts - Adjust Radio - On & Set Transpond - STBY Lights - As Req. Grnd/afis/multicom-Cal Brakes - Check				

Vr: 50 MPH      Vso: 50 MPH      Vno: 120 MPH      Best Glide: 70 MPH  
 Vy: 71 MPH at sea level - 66 MPH at 10000 ft.      Vs : 54 MPH      Vne: 157 MPH  
 Vx: 55 MPH at sea level - 59 MPH at 10000 ft.      Va : 106 MPH      Vfe: 85 MPH

	MPH	FLAPS <sup>o</sup>	NOTES
<b>Departure</b>			
Rotation *	50	0	Maximum Performance Climb:
Best Angle Climb	55	0	71 MPH - Flaps Up
Best Rate Climb	71	0	Power - Full throttle
			Mixture - Rich ( unless engine is rough due to rich mixture).
<b>Altitude</b>			
Sea level	112	0	2500 RPM
5000 FT	117	0	2640 RPM
9000 FT	121	0	Full Throttle
<b>Arrival</b>			
Approach	65 - 75	Up	
Short Final *	60 - 70	Down	Flaps depending upon turbulence of the air

**GOLDEN EAGLE PROFESSIONAL FLIGHT ACADEMY**

APOQUINDO 4900 LOCAL 187 - LAS CONDES - SANTIAGO / (2) 207-7123 / www.goldeneagle.cl

## FALLA EN LA CARRERA DE DESPEGUE

ACELERADOR - ATRAS  
 FLAPS - FUERA  
 FRENOS - APLICAR  
 CAÑA - ATRAS  
 MEZCLA - CORTAR  
 MAGNETOS - OFF  
 MASTER - OFF  
 SELECTORA - OFF

## FALLA DESPUES DEL DESPEGUE

CAÑA - ADELANTE  
 MEZCLA - CORTAR  
 FLAPS - FULL  
 MAGNETOS - OFF  
 MASTER - OFF  
 SELECTORA - OFF  
 PUERTAS - DESASEGURAR

## FALLA DEL MOTOR EN VUELO

PISTA / VELOCIDAD  
 SELECTORA DE COMBUSTIBLE - ON  
 MEZCLA - RICA  
 AIRE CALIENTE - ABIERTO  
 ACELERADOR - 1/2 POTENCIA  
 MAGNETOS - AMBOS  
 MASTER - ON

### ¿COMO VOY?

MEZCLA - CORTAR  
 MAGNETOS - OFF  
 MASTER - OFF  
 SELECTORA - OFF  
 PUERTAS - DESASEGURAR

## FUEGO DURANTE EL ENCENDIDO

MEZCLA - CORTAR  
 PARKING BRAKE - SOLTAR  
 EXTINGUIDOR - OBTENER  
 AVION - EVACUAR  
 FUEGO - EXTINGUIR  
 DAÑOS - INSPECCIONAR



## FUEGO DEL MOTOR EN VUELO

MEZCLA - CORTAR  
 SELECTORA - OFF  
 MASTER - OFF  
 VELOCIDAD - 100 MPH  
 CABIN HEAT - OFF

ATERRIZAJE - REALIZAR PROCEDIMIENTO SIN MOTOR

## FUEGO ELECTRICO EN VUELO

MASTER - OFF  
 TODOS LOS SWITCHES - OFF EXCEPTO MAGNETOS  
 CIRCUIT BRAKERS - CHECK  
 MASTER - ON  
 TODOS LOS SWITCHES - ON  
 VENTS / CABIN AIR / HEAT - ABRIR CON FUEGO APAGADO

## OTROS

PROC. TIBA: 118.2  
 EMERGENCY: 121.5  
 TRANSPONDER CODES: I 7500 UNLAWFUL INTERFERENCE  
 C 7600 INCOMMUNICATION  
 E 7700 EMERGENCY

tower signals	on ground	in flight
steady green	cleared for takeoff	cleared to land
flashing green	cleared for taxi	return for landing
steady red	stop	yield & continue circling
flashing red	taxi clear for landing area	do not land
flashing white	return to starting point	n/a
alternating red & green	use extreme caution	use extreme caution

\* Every plane has a different Empty Weight and Useful Load  
 Cessna - 150 - A (Continental O - 200 - A; 100 HP)

\* Empty Weight:  LBS  
 \* Max. Useful Load:  LBS  
 Max. Baggage Area: 80 LBS  
 Max. T.O. Weight: 1500 LBS

Fuel Type: 100LL  
 Usable Fuel: 22.5 Gallons  
 Oil Capacity: 6 Quarts (Minimum 4)  
 Electrical: 12 Volt / 20 Amp Generator  
 Tire Pressure: 30 psi