100 LEFT ENGINE, PROP & LANDING	GEAR
Left engine nacelle	VISUAL INSPECTION
Auxiliary Tank	CLOSED & LOCKED
Engine oil level	
	MIN 4 QTS VFR
	MIN 6 QTS IFR
	OIL STICK & DOOR SECURE
EXHAUST	VISUAL INSPECTION
PROPELLER & SPINNER	VISUAL INSPECTION
Landing gear strut and lock	VISUAL INSPECTION, sufficient
	(typica <b>ll</b> y 4cm / 1.6")
Down and uplock switches (3x)	VISUAL INSPECTION
Tire wear, tread depth	
Tire, wheel, brake	VISUAL INSPECTION
Brake line connection	VISUAL INSPECTION
Landing gear door	VISUAL INSPECTION
🕦 LEFT WING (Leading Edge)	
Entire wing surface	VISUAL INSPECTION
Fuel tank filler	CLOSED & SECURE
Fuel tank vent	VISUAL INSPECTION
Fuel tank air outlet (lower surface)	VISUAL INSPECTION
Fuel tank drain	SAMPLE
LEFT WING TIP	
Winglet	VISUAL INSPECTION
Tie Down	REMOVED
(1) LEFT WING (AFT)	
Left aux fuel tank	
Left nacelle underside	
Aux fuel tank vent outlet	
Inboard flap condition & linkage	
Outboard flap, linkage, safety pins	
Aileron hinges, linkage, safety pins	VISUAL INSPECTION
Aileron paddle	
Static dischargers	VISUAL INSPECTION





# N4197D \*\*\* Diamond DA42-L360

# **Preflight Checklist**

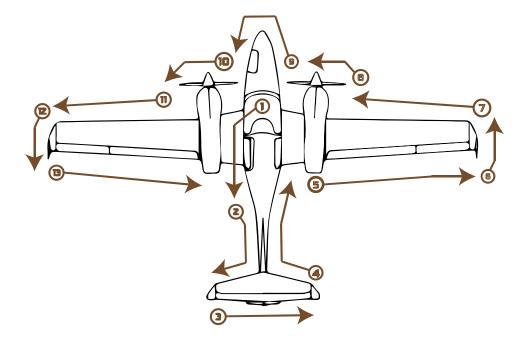
① CABIN
HOBBSCHECK
Certs/Documents/AFMCHECK
Control LockREMOVED
Fuel Selectors (Left & Right) ON
ThrottlesFree, Adjust Friction, Idle
Prop LeversFULL FWD
Mixture LeversCUT OFF
Landing Gear SelectorDOWN
(Pilot Side)
Manual Gear ExtensionPUSHED IN
Alternate Static SourceCLOSED
Alternators Left & RightON
Pitot HeatOFF
(CoPilot Side)
Alternate AirCLOSED
FlapsUP
Circuit BreakersIN
ELTARMED

Fuel & Oil (Visual Check) To reduce delay if fuel/oil is needed

Call SunAir (805) 389-9301

## ① CABIN (continued)

MASTER SWTICH	ON
(NOTE HYD PUMP WILL PI	ressur <b>i</b> ze)
TACH	VERIFY
Fuesl Quantity	CHECK
Gear Warning Test Swich.	TEST
Stall & Pitot Heat (if REQ.).	ON
Strobe / Position / Land -	LightsON
Aircraft Lights	CHECK
Stall Warning	CHECK
Stall & Pitot Heat	CHECK
Lights / Stall & Pitot Heat.	OFF
MASTER SWTICH	OFF



	7 RIGHT WING (Leading Edge)		
② FUSELAGE (PILOT SIDE)	Entire wing surfaceVISUAL INSPECTION		
Wing rootABSENCE OF HYDRAULIC FLUID	Fuel tank filler		
AntennaesINSPECT	Fuel tank ventVISUAL INSPECTION		
Static sourceINSPECT	Fuel tank air outlet (lower surface) VISUAL INSPECTION		
	Fuel tank drainSAMPLE		
3 EMPENNAGE (TAIL)	Fuel talk drainSAMPLE		
Tail skid and lower fin (left side)VISUAL INSPECTION	DICUT ENGINE DOOD & LANDING CEAD		
Tie downCheck Clear	RIGHT ENGINE, PROP & LANDING GEAR  Pight anging passills  VISUAL INSPECTION  OF THE PROPERTY OF THE PROPE		
Vertical finVISUAL INSPECTION	Right engine nacelleVISUAL INSPECTION		
Stabilizer & tipVISUAL INSPECTION	Auxiliary TankCLOSED & LOCKED		
Static dischargerVISUAL INSPECTION	Engine oil levelMAX 8 QTS		
Elevator surface, hinges, trim tab VISUAL INSPECTION	MIN 4 QTS VFR		
Rudder surface & trim tabVISUAL INSPECTION	MIN 6 QTS IFR		
Stabilizer tip & static dischargerVISUAL INSPECTION	OIL STICK & DOOR SECURE		
Stabilizer surfaceVISUAL INSPECTION	ExhaustVISUAL INSPECTION		
Vertical fin (right side)VISUAL INSPECTION	Propeller & SpinnerVISUAL INSPECTION		
Tail skid & lower fin (right side)VISUAL INSPECTION	Landing gear strut and lockVISUAL INSPECTION, sufficient		
	height (typical visible piston		
	length at least 4cm / 1.6")		
Fuselage surfaceVISUAL INSPECTION	Down and uplock switches (3x)VISUAL INSPECTION		
AntennaeVISUAL INSPECTION	Tire wear, tread depthVISUAL INSPECTION		
Static source (if installed)NO BLOCKAGE	Tire, wheel, brakeVISUAL INSPECTION		
	Brake line connectionVISUAL INSPECTION		
(5) RIGHT WING (AFT)	Landing gear doorVISUAL INSPECTION		
Right aux fuel tank SAMPLE			
Right nacelle undersideVISUAL INSPECTION	FRONT FUSELAGE & NOSE LANDING GEAR		
Aux fuel tank vent outletVISUAL INSPECTION	OAT sensorVISUAL INSPECTION		
Inboard flap condition & linkage VISUAL INSPECTION	Nose landing gear strutVISUAL INSPECTION, sufficient		
Outboard flap, linkage, safety pins VISUAL INSPECTION	(typically 4cm / 1.6")		
Aileron hinges, linkage, safety pins VISUAL INSPECTION	Down & uplock switchesVISUAL INSPECTION		
Aileron paddle CLEAR / NO FOREIGN OBJECTS	Tire wear, tread depthVISUAL INSPECTION		
Static dischargersVISUAL INSPECTION	Tire, wheelVISUAL INSPECTION		
	Tire-to-rim slip marks (if installed) VISUAL INSPECTION		
® RIGHT WING TIP	Gear door and linkageVISUAL INSPECTION		
WingletVISUAL INSPECTION	Chocks REMOVE (if insta <b>ll</b> ed)		
Tie DownREMOVED	Steering bar REMOVED AND STOWED		
	Nose baggage doors (left & right)CLOSED & SECURE		

#### DESCENT

Throttle Levers	AS REQUIRED
Propeller Levers	1800 - 2700 RPM
Mixture Levers	AS REQUIRED
(Maintain	1450 EGT or LESS)
[NOTE: When reducing	g power CHT shou <b>l</b> d
not change by more t	han 50F/MIN]

#### **APPROACH**

Landing Lights	AS REQUIRED
Gear Warning Horn	
Fuel Selectors	
Fuel Pumps	
Landing Gear	
9	THREE GREEN
Flevator/Rudder Trim	

#### LANDING

Airspeed	85 KIAS
Flaps	DOWN/APPROACH
Mixture	BEST POWER
Prop Levers	H <b>I</b> GH RPM
Throttle Levers.	AS NEEDED
Landing Gear	THREE GREEN
Final Speed	85 KIAS (MIN)

#### **AFTER LANDING**

Runway	CLEAR
Throttle Levers	
Pitot Heat	OFF
Fuel Pumps	OFF
Flaps	UP
Lights	

#### **SHUT DOWN**

J. 10 1 D 0 11 11	
Parking Brake	SET
Throttle	1000 RPM
AV Master	OFF
Mixture Controls	CUT OFF
Ignition (LH/RH)	OFF & OUT
G1000 TACH	RECORD
Electric Master	OFF

	Airspeed		IAS	Remarks
	All S	>3400 lbs	126	Remarks
		(1542 kg)	KIAS	
		up to 3400 lbs	120	Do not make full or abrupt
VA	Maneuvering	(1542 kg)	KIAS	control surface movements
	speed	( ' 3)		above this speed
VFE	Max. flaps extended	LDG	111	
			KIAS	Do not exceed these speeds
	speed	APP	137	with the given flap setting
			KIAS	B ( 18)
\ \ \ -		gear extended	194	Do not exceed this speed
VLE	speed		KIAS	with the landing gear extended
		Extension	VLOE	exterided
	Max. landing	LAGISION	194	
VLO	gear		KIAS	Do not operate the landing
VLO	operating	Retraction	VLOR	gear above this speed
	speed	110000011	156	godi dzovo ziio opodd
			KIAS	
	Minimum con	trol speed	65	With one engine inoperative,
VMCA	airborne		KIAS	keep airspeed above this
VFE VLE VLO				limit
VNF	Never exceed	d speed in	194	Do not exceed this speed in
VIVL	smooth air		KIAS	any operation
l	Max. structura	al cruising	155	Do not exceed this speed
VNO	speed		KIAS	except in smooth air, and then
				only with caution
	Minimum Control Speed for Safe single engine training		80	Minimum speed authorized in
VSSE			KIAS	case of one engine
				intentionally inoperative/idle
	Best Rate-of-Climb Speed		90	(training purposes)
VYSE	besi Rate-ot-	CIIIID Speed	90 KIAS	Best rate-of-climb speed on
l			NIAS	one engine

- LANDING WITHOUT FLAPS NOT AUTHORIZED
- LANDINGS OVER 3748 LBS NOT AUTHORIZED

### **GO-AROUND**

MAX PWR		
85 KIAS		
UP		
UP		
90 KIAS		
(Proceed to <b>CLIMB</b> checklist)		

### **POST-FLIGHT**

HOBBS Meter	RECORD
Chocks / Tie Down	SECURE
Parking Brake	RELEASED





## N4197D \*\*\* Diamond DA42-L360

# Normal Opperations Checklist

## **BEFORE STARTING ENGINE**

Pre-Flight InspectionCOMPLETE
PassengersBRIEFED
DoorsSECURED
Rudder PedalsADJUSTED & LOCKED
Seat BeltsON
Throttle LeversIDLE
Prop LeversFULL FORWARD
Mixture LeversIDLE/CUT OFF
Parking BrakeSET
Avionics MasterOFF
Gear SelectorVERIFY DOWN
Master SwtichON
(NOTE HYD PUMP WILL PRESSURIZE)
Elevator BackstopTEST & VERIFY
CO AlertTESTED
G1000POWERED UP
Fuel Quantity & CalculatorSET
Strobe LightsON
>>>Proceed to Starting Engine<<<

## 🔱 Normal Start 🕩

STARTING ENGINE (Cold)
(Per Engine / Started Individually)
Throttle Lever(3 cm / 1.2" FWD)
Fuel PumpON
MixtureRICH (5 sec.)
Then LEAN
Fuel PumpOFF
Throttle Lever(1 cm / 0.5" FWD)
>>>>CLEAR POPELLER AREA<
Ignition SwitchSTART
When Engine Fires:
Mixturemove to full RICH
Throttle Lever1000 RPM
Oil PressureCheck

Ammeter......Check Annunciator Panel......Check

## →!\ Hot Start 🕂ー **STARTING ENGINE (Hot)** (Per Engine / Started Individually)

Throttle Lever......(3 cm / 1.2" FWD) Fuel Pump.....ON Mixture.....RICH (2 sec.) Fuel Pump.....OFF Throttle Lever......(1 cm / 0.5" FWD) >>>CLEAR POPELLER AREA< Ignition Switch.....START

When Engine Fires: Mixture.....move to full RICH Throttle Lever.....1000 RPM

Oil Pressure......Check Ammeter......Check Annunciator Panel.....Check

## →↑ Flooded Start /↑—

**STARTING ENGINE (Flooded)** (Per Engine / Started Individually) Fuel Pump.....OFF Mixture.....IDLE/ CUT OFF Throttle Lever.....50% OPEN >>>CLEAR POPELLER AREA<<<< Ignition Switch.....START When Engine Fires: Throttle Lever...PULL TOWARD IDLE Mixture.....move to full RICH Throttle Lever.....SET 1000 RPM

Oil Pressure......CHECK Ammeter......CHECK

Annunciator Panel......CHECK

Avonics Master
ENGINE RUN UP
AnnunciatorsCHECK
Circuit BreakersCHECK
Elevator TrimSET to T/O
Yaw TrimNEUTRAL
Fuel Selectorscheck ON (LH/RH)
FlapsCheck Functionthen UP
Flight ControlsFree & Correct
Engine Oil Tempat least 100F
Fuel PumpsON
MixtureRICH (Below 5000ft)
Throttle Levers2200 RPM
MagnetoL - BOTH - R - BOTH
Max RPM Drop 175 RPM
Max Difference 50 RPM
Propeller LeversCYCLE
(Pull to max drop 500 RPM)
- Cycle 3x - Drop in RPM
- Rise in Manifold
- Drop in Oil Pressure
Throttle Levers1500 RPM
Propeller Lever L/RFEATHER CHECK
(Do Not Allow More than
300 RPM Drop)
Throttle LeversIDLE CHECK
Then 1000 RPM
Alternate AirConfirm CLOSED

PRE-TAXI

#### **TAKEOFF**

IAKEOFF	
Takeoff Clearence	.RECIEVED (if req.)
Aircraft Lights	ON
Fuel Pumps	ON
Mixture	RICH (or best pwr
Propeller Levers	HIGH RPM
>>>>>Taxi Into	Position<<<<<<
Breaks	HOLD
Throttle Levers	
<b>Engine Performanc</b>	eCHECK
>>>>> Release B	Srakes<<<<<<
Airspeed	ACT <b>I</b> VE
Rotate	VR = 78 KIAS

(Avoid damage to main landing gear, firmly apply brakes before raising gear)

Climb Established......GEAR UP

#### **CLIMB**

~=	
Airspeed	90 KIAS
Engine Instruments	GREEN
Fuel Pumps	OFF
Throttle Levers	25" MFP
RPM Levers	2500 RPM
Mixture	1450 EGT
Trim	AS NEEDED

#### **CRUISE**

Throttle Levers	(SEE CHART)
Propeller Levers	(SEE CHART)
Mixture Levers	1450 EGT
Fue <b>l</b> Tank	

Auxiliary Fuel Tank Operation -When main tanks reach 17 GAL or less CHT between 150F and 400F set both AUX PUMPs to on until full -Always operate both pumps at the same time to avoid an imbalance

Mantain: OIL 165F and 220F

[Note: When Fuel Selector is moved between ON and CROSSFEED the corresponding fuel pump must be on}

% of maximum take-off		of maximum take-off 45%		55%			65%					
R	PM		2000	2200	2400	2600	2000	2200	2400	2000	2200	2400
Fuel	Flow		7.0	7.2	7.5	7.7	7.0	7.2	7.5	7.9	8.2	8.5
Pressure		A	Manifold Pressure (MP)			Manifold Pressure (MP)			Manifold Pressure (MP)			
Alt (ft)	[°C]	[°F]				,			` ′			. ,
1000	13	55	23.6	22.2	21.0	20.0	23.6	22.2	21.0	26.4	24.5	23.2
2000	11	52	23.3	21.9	20.7	19.6	23.3	21.9	20.7	26.0	24.2	22.9
3000	9	48	23.0	21.6	20.4	19.2	23.0	21.6	20.4	25.7	23.8	22.6
4000	7	45	22.7	21.1	20.1	18.8	22.7	21.1	20.1	25.4	23.5	22.3
4500	6	43	22.5	21.0	20.0	18.7	22.5	21.0	20.0	-	23.3	22.1
5000	5	41	22.3	20.9	19.8	18.5	22.3	20.9	19.8		23.1	22.0
5500	4	40	22.2	20.8	19.7	18.4	22.1	20.7	19.6		23.0	21.9
6000	3	38	22.0	20.6	19.5	18.3	22.0	20.6	19.5		22.8	21.7
6500	2	36	21.9	20.5	19.4	18.2	21.8	20.4	19.4		-	21.6
7000	1	34	21.7	20.3	19.3	18.0	21.7	20.3	19.3			21.4
7500	0	33	21.5	20.2	19.2	17.9	21.5	20.1	19.1			21.2
8000	-1	31	21.3	20.0	19.0	17.7	21.3	20.0	19.0			21.0
8500	-2	29	21.2	19.9	18.9	17.6	21.2	19.8	18.8			20.8
9000	-3	27	21.1	19.7	18.7	17.5	21.1	19.7	18.7			20.7
9500	-4	25	21.0	19.6	18.6	17.4	-	19.5	18.5			-
10000	-5	23	-	19.4	18.4	17.3		19.4	18.4		Ì	
10500	-6	21		19.3	18.3	17.2		19.3	18.3			
11000	-7	19		19.1	18.1	17.0		19.1	18.1			
11500	-8	18		19.0	18.0	17.0		-	18.0			
12000	-9	16		-	17.8	16.9			17.8			
12500	-10	14			17.7	16.7			17.7			
Area shaded	grey a	re the r	ecommen	ded Manif	old Pressu	re values f	rom AFM.					

## **SINGLE ENGINE TRAINING**

Feathering may be simulated by setting the power of the 'failed' engine to 11-14 MP and prop at high RPM (valid from sea level to 5000 ft)

Avoid risks and harm to engine by starting and stopping in flight.

⚠ ENGINE FAILURE DURING FLIGHT ⚠					
AIRSPEED90 KIAS	(continued)				
MIXTURE LEVERSFULL FWD	<b>FLAPS</b> UP				
PROPELLER LEVERSFULL FWD	INOPERATIVE ENGINE				
THROTTLE LEVERSFULL FWD					
<b>GEAR</b> UP	<b>VERIFY</b> - REDUCE THROTTLE				
TIME & ALTIT	UDE PERMIT?				
Yes? - FIX	No? - FEATHER				
NEAREST LANDINGDIRECT TO	INOP ENGINE:				
ELEV. & RUD. TRIMSET	THROTTLEFULL FWD				
FUEL QUANTITYCHECK	PROPFEATHER				
ALTERNATE AIRON	MIXTURECUT OFF				
INOP ENGINE:	FUEL SELOFF				
FUEL SELCROSSFEED	FUEL PUMPOFF				
MIXTUREFULL FWD	IGNITION SWITCHOFF				
FUEL PUMPON	ALTERNATOR SWITCHOFF				
IGNITION SWITCHBOTH	RAISE DEAD ENGINEUP TO 5°				
THROTTLE1.5" OPEN	ELEV. & RUD. TRIMSET				
(If Restart Fails Proceed to Feather)	Single Engine Ops				
	FUEL CROSSFEEDAS REQ.				
	POWERreduce if able				
AIR START UNFEATHERING 🔨					
AIRSPEED90 KIAS					
INOP ENGINE:	IGNITIONBOTH				
FUEL SELECTORON					
	(If propeller does not windmill)				
THROTTLE1" OPEN					
ALTERNATE AIRIF REQ.					
PROPELLERFULL FWD					
	PWR: 22" MP / 2200 RPM / 150°F CHT				
SINGLE ENGINE INOP	LANDING CHECKLIST 🔨				
INOPERATIVE ENGINESECURED	(continued) Landing Assured?				
SEATBELTSON	GEAR SELECTORDOWN				
OPERATIVE ENGINE	FLAPSAS REQUIRED				
FUEL SELCROSSFEED	AIRSPEED85 KIAS				
MIXTUREBEST PWR	THROTTLESLOWLY REDUCE				
•	RUDDER TRIMADJUST				
PROPELLERHIGH RPM	RUDDER IRIMADJUST				
PROPELLERHIGH RPM FUEL PUMPON	KODDEK IKIIVIADJOST				
	s TEFI				



## N4197D \*\*\* Diamond DA42-L360

# Emergency Procedures WWW

## **ENGINE FAILURE DURING TAKEOFF (RUNWAY REMANING)**

## **During Ground Roll?** THROTTLES......IDLE IMMEDIATELY 78 KIAS & Gear Still Down? MAINTAIN DIRECTIONAL CONTROL

Brakes, Engage, Dont Lock Wheels

**Airborne & Runway Remaning?** THROTTLES.....IDLE IMMEDIATELY MAINTAIN DIRECTIONAL CONTROL LAND.....Straight Ahead Brakes, Engage, Dont Lock Wheels

## \Lambda INSUFFICIENT RUNWAY REMAINS? ∧

FUEL SELECTORS	OFF
MIXTURE LEVERS	IDLE/CUT OFF
IGNITION SWITCHES	OFF
MASTER SWITCH	OFF

### **ENGINE FAILUE DURING TAKEOFF (NO RUNWAY REMANING)**

AIRSPEED	90 KIAS	(checklist continued:)
RAISE DEAD ENGINE	UP TO 5°	INOPERATIVE ENGINE
MIXTUREs	FULL FWD	<b>IDENTIFY</b> - DEAD
PROPELLERs	FULL FWD	<b>VERIFY</b> - REDU
THROTTLEs	FULL FWD	FEATHER - PROF
GEAR	UP	CUT OFF - MIXT
FLAPS	UP	Ball/SkidHalf Ball to
FUEL PUMPS	ON	ELEV. & RUD. TRIM
IGNITION SWITCHES	ВОТН	AIRPORT
TIME PERMITTING (CO	NFIRM INOP	<b>ENGINE ONLY)</b>

**IDENTIFY - DEAD FOOT VERIFY** - REDUCE THROTTLE

**FEATHER** - PROPELLER **CUT OFF** - MIXTURE TO LEAN

all/Skid.....Half Ball to Good Engine .EV. & RUD. TR**I**M......SET IRPORT.....RETURN

## IGINE ONLY)

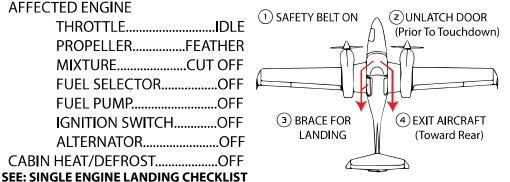
FUEL SELECTOROFF	IGNITION SWITCHOFF
FUEL PUMPOFF	ALTERNATOR SWITCHOFF

## ENGINE FIRE

## AFFECTED ENGINE

, LCILD LITORIL	
THROTTLE	IDLE
PROPELLER	FEATHER
MIXTURE	CUT OFF
FUEL SELECTOR	OFF
FUEL PUMP	OFF
IGNITION SWITCH.	OFF
ALTERNATOR	OFF
CABIN HEAT/DEFROST	OFF

## **!** EVACUATION PLAN **!**



## Gear Malfunction

## **MANUAL GEAR EXTENSION**

Instrument Lights	OFF
GEAR HORN/LIGHT	TEST
Electric Master	VERIFY ON
ALTERNATOR/VOLTS	ON/CHECK
CIRCUIT BREAKER	CHECK IN
(if landing gear is not dov	vn/locked)

• GEAR SELECTOR......DOWN 2 MANUAL GEAR EXTENSION.....PULL (if not yet down/locked, moderate yaw/pitching to assist)

## **GEAR-UP LANDING CHECKLIST**

(applies if landing gear fully retracted) APPROACH .....NORMAL THROTTLE LEVERS.....IDLE (if situation allows reduce risk of fire) FUEL SELECTORS.....OFF MIXTURE LEVERS.....LEAN IGNITION SWICHES.....OFF MASTER SWITCH.....OFF

#### LANDING GEAR MALFUNCTION

-RED WARN GEAR UNSAFE LIGHT: Landing Gear is in neither the final up or down and locked position. -GEAR WARN SOUNDS: Gear is not Down and Locked MP is below 14" on one or both eng.



## Electrical Issues

#### **COMPLETE ELECTRICAL FAILURE**

Circuit Breakers.....Verify IN Horizon Emerg. Switch (IMC).....ON Cycle ALT Switchs LH/RH ...Once Each Voltage in red still indicated? LH/RH ALT.....ON Electrical Load.....REDUCE

#### ("VOLTS" annunciator is to be expected with an electrical load on the system and a low RPM setting. If this is the case, Master Switches DO NOT need to be recycled)

LOW VOLTAGE ANNUNCIATION

Avionics (Bus 1 & 2).....OFF Alt. Circuit Breaker.....Check IN Master Switch .....OFF (Both Sides) Master Switch.....ON (Both Sides) "VOLTS" Annunciator......Verify OFF Avionics Master.....ON If "VOLTS" illuminates again: Alternator.....OFF

#### **EXCESSIVE CHARGE / OVER VOLT**

Nonessential Electrical Items......OFF

LAND AS SOON AS PRACTICAL

Alternators (Left or/and Right)....OFF

## Unusual Conditions

Aircraft......DEPART ICING AIRCAFT.....LAND

SPIN RECOVER	KY .
Power	Idle
Rudder	Opposite of Rotation
Ailerons	Neutral
Elevator	.Forward / Break Sta <b>ll</b>
(when rotation	stops)
Rudder	Neutra
Elevator	Increase Carefully
<b>INADVERTANT</b>	<b>TICING CONDITIONS</b>
Autopilot	OFF
Pitot Heat	00

CDINI DECOVEDV

Madaci	Storm windows	
ElevatorIncrease Carefully	LOSS OF OIL PRESSURE	
<b>INADVERTANT ICING CONDITIONS</b>	LAND AS SOON AS PRACTICAL	
AutopilotOFF	Prepare for Imminent Engine Failure	
Pitot HeatON	HIGH OIL / EGT or CHT TEMP	
Cabin HeatON	CHT / EGT TempCHECK	
Propeller LeversHIGH RPM	OIL PRESSURECHECK	
Alternate AirON	MIXTUREENRICHEN	

## **UNLOCKED DOOR**

Airspeed	REDUCE
Airport	LAND
7 (ii poi c	L/ \I \D

## CARBON MONOXIDE

Cabin Heat/Defrost.....OFF Ventilation.....OPEN al Storm Windows.....OPEN

## LOSS OF OIL PRESSURE

## **HIGH OIL / EGT or CHT TEMP**

Propeller LeversHIGH RPM	OIL PRESSURECHECK
Alternate AirON	MIXTUREENRICHEN
If pitot heat fails or faults:	POWERREDUCE
Alternate StaticOPEN	CLIMB RATEREDUCE/LEVEL OUT

# Electrical FIRE

## **IN AIR**

**1** HORIZON EMERG. SWTICH ON - (IF IFR/IMC) DESTRESS.....BROADCAST / (IF ON ACTIVE FREQ.) AVIONICS MASTER.....OFF ELECTRIC MASTER.....OFF CABIN HEAT.....OFF VENTILATE CABIN.....AS REQ. FIRE EXTINGUISHER.....READY NEAREST AIRPORT.....LAND

### **ON GROUND**

MASTER SWITCH	OFF
THROTTLE LEVERS	IDLE
MIXTURE LEVERS	CUT OFF
GNITION SWITCHES	OFF
CANOPYS	OPEN
AIRPLANEE	VACUATE