

CESSNA 172S EMERGENCY PROCEDURES CHECKLISTS

EMERGENCY FREQUENCY..... 121.50

EMERGENCY SQUAWK CODE 7700

AIRSPEEDS

Engine failure after takeoff..... 70 KIAS
Maximum Glide..... 68 KIAS
Landing without engine power Flaps up – 70 KIAS
..... Flaps down – 65 KIAS

ENGINE FAILURE AFTER TAKEOFF

Airspeed 70 KIAS (Flaps Up)
..... 65 KIAS (Flaps Down)
Mixture..... LEAN CUTOFF (PULL OUT)
Fuel Shutoff Valve OFF (PULL OUT)
Ignition Switch OFF
Master Switch OFF
Cabin Door UNLATCHED
Land STRAIGHT AHEAD

ENGINE FAILURE DURING FLIGHT

Airspeed 68 KIAS
FLY THE AIRPLANE!
Fuel Shutoff Valve ON (IN)
Fuel Selector BOTH
Auxiliary Fuel Pump..... ON
Mixture..... RICH
Ignition Switch BOTH

EMERGENCY LANDING WITHOUT POWER

Airspeed 70 KIAS
Mixture..... LEAN CUTOFF
Fuel Shutoff Valve OFF
Ignition Switch OFF
Wing Flaps..... AS REQUIRED
Master Switch OFF
Seat Belts SECURE
Doors UNLATCH
Touchdown SLIGHTLY TAIL LOW
Brakes APPLY HEAVILY

Telephone Numbers:

Colorado Flight Center 970 254 0444
Collin Fay 970 260 6547
Bradley Sullivan..... 970 210 5527
Flight Service 800 992 7433
KGJT ATIS 970 245 7881
KGJT Tower 970 986 3351
West Star Desk..... 970 248 5215
Monument Aircraft 970 257 9175
TriStar Aviation 970 255 1501

ALTERNATOR FAILURE

Avionics Master Switch OFF
Alternator Circuit Breaker (ALT FLD) RESET (IN)
Master Switch..... CYCLE OFF, then ON
Low Voltage Light..... CHECK OFF
Avionics Master Switch ON
If Low Voltage Light Remains ON,
Alternator OFF
Nonessential Electrical Equipment..... OFF
LAND AS SOON AS PRACTICAL

FIRE DURING START ON THE GROUND

Starter CONTINUE CRANKING
If engine fails to start,
Throttle FULL OPEN
Mixture LEAN CUTOFF
Master Switch..... OFF
Ignition Switch OFF
Fuel Shutoff Valve OFF (PULL OUT)
Auxiliary Fuel Pump OFF

ENGINE FIRE IN FLIGHT

Mixture LEAN CUTOFF (PULL OUT)
Fuel Shutoff Valve..... OFF (PULL OUT)
Auxiliary Fuel Pump OFF
Master Switch..... OFF
Cabin Heat and Air Vents..... OFF / CLOSED
Airspeed PITCH FOR 100 KIAS (blow out fire)
Forced Landing EXECUTE

ELECTRICAL FIRE DURING FLIGHT

Master Switch..... OFF
Cabin Heat and Air Vents..... OFF / CLOSED
Fire Extinguisher ACTIVATE

COMMUNICATIONS FAILURE

Frequency CHECK
Volume and Squelch CHECK
Speaker..... SELECT
Headset Jacks..... RESET
Hand Mike CHECK
Circuit Breakers..... CHECK
Other Radios or Cell Phone USE IF AVAILABLE
VOR Frequency MONITOR
Squawk 7600
Tower Light Signals..... OBSERVE / COMPLY

REFER TO THE PILOT'S OPERATING HANDBOOK FOR COMPLETE EMERGENCY CHECKLISTS!

If you have an emergency or are otherwise unable to return when expected, please call us toll-free at 1-866-897-7910 to advise us of your new ETA. You may also reach Collin Fay at (970) 260-6547 or Bradley Sullivan at (970) 210-5527.

Basic VFR Weather Minimums

Class A	None		None	
Class B	3 statute miles		clear of clouds	
Class C	3 statute miles		500 feet below 1,000 feet above 2,000 feet horizontal	
Class D	3 statute miles			
Class E	less than 10,000 MSL	3 statute miles	1,000 feet below, 1,000 feet above 1 statute mile horizontal	
	at or above 10,000 MSL	5 statute miles		
Class G	1,200 feet or less AGL	Day	1 statute mile	clear of clouds
		Night	3 statute miles	
	more than 1,200 AGL, but less than 10,000 MSL	Day	1 statute mile	500 feet below 1,000 feet above 2,000 feet horizontal
		Night	3 statute miles	
	more than 1,200 AGL, and at or above 10,000 MSL		5 statute miles	1,000 feet below, 1,000 feet above 1 statute mile horizontal

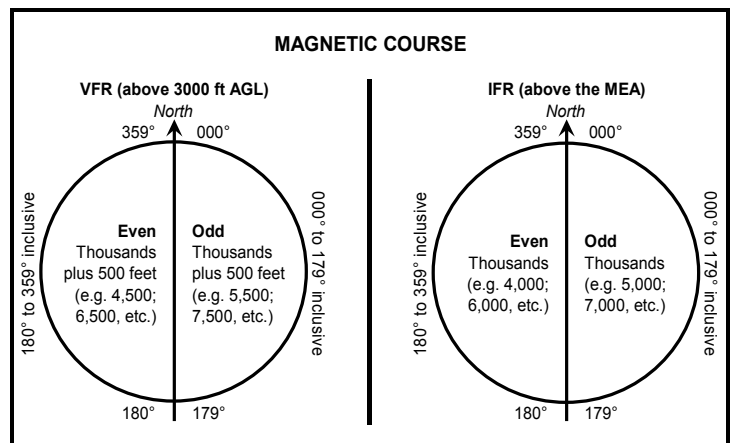
FAA Flight Plan Form

U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION		(FAA USE ONLY) <input type="checkbox"/> PILOT BRIEFING <input type="checkbox"/> VNR		TIME STARTED	SPECIALIST INITIALS
FLIGHT PLAN					
1. TYPE VFR IFR D/VFR	2. AIRCRAFT IDENTIFICATION	3. AIRCRAFT TYPE / SPECIAL EQUIPMENT	4. TRUE AIRSPEED KTS	5. DEPARTURE POINT	6. DEPARTURE TIME PROPOSED (2) ACTUAL (2)
8. ROUTE OF FLIGHT					
9. DESTINATION (Name of airport and city)		10. EST. TIME ENROUTE HOURS MINUTES	11. REMARKS		
12. FUEL ON BOARD HOURS MINUTES		13. ALTERNATE AIRPORT(S)	14. PILOT'S NAME, ADDRESS & TELEPHONE NUMBER & AIRCRAFT HOME BASE		15. NUMBER ABOARD
17. DESTINATION CONTACT/TELEPHONE (OPTIONAL)					
16. COLOR OF AIRCRAFT		CIVIL AIRCRAFT PILOTS: FAR Part 91 requires you file an IFR flight plan to operate under instrument flight rules in controlled airspace. Failure to file could result in a civil penalty not to exceed \$1,000 for each violation (Section 901 of the Federal Aviation Act of 1958, as amended). Filing of a VFR flight plan is recommended as a good operating practice. See also Part 99 for requirements concerning DVFR flight plans.			

Light Gun Signals

Color and Type of Signal	Aircraft on the Ground	Aircraft in Flight
Steady green	Cleared for takeoff	Cleared to land
Flashing green	Cleared for taxi	Return for landing (to be followed by steady green at the proper time)
Steady red	Stop	Give way to other aircraft and continue circling
Flashing red	Taxi clear of the runway in use	Airport unsafe do not land
Flashing white	Return to starting point on airport	Not applicable
Alternating red and green	Exercise extreme caution	Exercise extreme caution

Cruising Altitudes (below 18,000 ft MSL)



Zulu Time Conversion

To make the conversion to local time, use the chart below. Find the local time in the first column. If we are on Mountain Standard Time (MDT, winter months), use the first column to find your Zulu Time/UTC. If we are on Mountain Daylight Saving Time (MDT, summer months), use the second column to find Zulu Time/UTC. For instance, if it's 11 a.m. MST, it's 1800 hours in Zulu time/UTC.

Local Time	MST		MDT	
	MST	MDT	Local Time	MDT
Midnight	0700	0600	Noon	1900 1800
1:00 am	0800	0700	1:00 pm	2000 1900
2:00 am	0900	0800	2:00 pm	2100 2000
3:00 am	1000	0900	3:00 pm	2200 2100
4:00 am	1100	1000	4:00 pm	2300 2200
5:00 am	1200	1100	5:00 pm	0000 2300
6:00 am	1300	1200	6:00 pm	0100 0000
7:00 am	1400	1300	7:00 pm	0200 0100
8:00 am	1500	1400	8:00 pm	0300 0200
9:00 am	1600	1500	9:00 pm	0400 0300
10:00 am	1700	1600	10:00 pm	0500 0400
11:00 am	1800	1700	11:00 pm	0600 0500

The Phonetic Alphabet and Morse Code

LETTER	CODE	WORD	PRONUNCIATION
A	•-•	Alfa	AL fah
B	-•••	Bravo	BRAH VOH
C	-•••	Charlie	CHAR lee
D	-••	Delta	DELL tah
E	•	Echo	ECK oh
F	••••	Foxtrot	FOKS trot
G	-••	Golf	GOLF
H	••••	Hotel	hoh TEL
I	••	India	IN dee ah
J	••••	Juliet	JEW lee ETT
K	-••	Kilo	KEY loh
L	••••	Lima	LEE mah
M	-••	Mike	MIKE
N	-••	November	no VEM ber
O	-•••	Oscar	OSS cah
P	••••	Papa	pah PAH
Q	-•••	Quebec	keh BECK
R	•••	Romeo	ROW me oh
S	•••	Sierra	see AIR rah
T	-••	Tango	TANG go
U	•••	Uniform	YOU nee form
V	••••	Victor	VIK tah
W	-•••	Whiskey	WISS key
X	-•••	X-ray	ECKS RAY
Y	-•••	Yankee	YANG key
Z	-•••	Zulu	ZOO loo
NUMBER	CODE	WORD	PRONUNCIATION
0	-----	Zero	ZEE RO
1	•-----	One	WUN
2	••-----	Two	TOO
3	•••-----	Three	TREE
4	••••-----	Four	FOW er
5	•••••	Five	FIFE
6	••••••	Six	SIX
7	••••••	Seven	SEV en
8	••••••	Eight	AIT
9	••••••	Nine	NIN er