



DEPARTAMENTO "SEGURIDAD OPERACIONAL"
SUBDEPARTAMENTO "LICENCIAS"
SECCIÓN EVALUACIONES

LSA - CZ SPORT CRUISER

A.- Limitaciones de Operación

1.- Limitaciones (Velocidades)

	KIAS
Va	88
Vne	138
Vno	108
Vfe	32 – 75
Vs	39
Vso	32
Vx	60
Vy	65
Vr	42
V App (Flap Dn)	60
V Planeo	60
Max cross wind	10

2.- Combustible

Tipo a utilizar	Auto 97 o Av130
Capacidad total	2 x 57 Lts
Combustible usable	114 Lts

3.- Pesos

Max Take Off	600 Kgs
Max, equipaje	18 Kgs (Rear)

4.- Motor

Limitaciones Operativas de Motor	
HP o BHP	98.6 hp
Máximas RPM	5800
Max Continuas	5500
RPM estáticas:	
Máximas	5800
Mínimas	1400
Temperatura de Aceite (°F)	
Máxima	275° F
Mínima	122° F
Presión de Aceite (PSI)	
Máxima	102 Psi
Mínima	12 Psi

5.- Límites de maniobras (Cat. Normal)

MANIOBRA	KIAS
Spin (flaps UP)	Prohibited
Escarpados 60°	88
Ocho flojo	88
Chandela	88

B.- Emergency Procedures

1.- ENGINE FAILURE DURING TAKE—OFF RUN

- | | |
|--------------------|----------------|
| 1. Throttle | Reduce to idle |
| 2. Ignition switch | Switch off |
| 3. Apply brakes | Apply brakes |

2.- ENGINE FAILURE DURING TAKE—OFF

- | | |
|---------------------|--|
| 1.- Speed | Gliding at 60 Kts |
| 2.- Altitude | below 150 ft land in take off direction
Over 150 ft choose a landing area |
| 3.- Wind | Find direction and velocity |
| 4.- Landing area | Choose free area without obstacles |
| 5.- Flaps | Extend as needed |
| 6.- Fuel selector | Close |
| 7.- Ignition switch | Switch off |
| 8.- Safety harness | Tighten |
| 9.- Master switch | Switch off before landing |
| 10.- Land | |

3.- ENGINE FAILURE IN FLIGHT

- | | |
|--------------------------------|--|
| 1.- Push control stick forward | |
| 2- Speed | Gliding at 60 Kts |
| 3.- Altitude | Below 150 ft land in take off direction
Over 150 ft choose a landing area |
| 4.- Wind | Find direction and velocity |
| 5- Landing area | Choose free area without obstacles |
| 6.- Flaps | Extend as needed |
| 7.- Fuel selector | Close |
| 8.- Ignition switch | Switch off |
| 9- Safety harness | Tighten |
| 10- Master switch | Switch off before landing |
| 11.- Land | |

4. - FIRE ON GROUND DURING ENGINE STARTING

- | | |
|---|------------|
| 1. - Fuel Selector | Close |
| 2. - Throttle | Full power |
| 3. - Ignition Switch | switch off |
| 4. - Leave the airplane | |
| 5.- Extinguish fire by fire extinguisher or call for a fire brigade if you cannot do it | |

5.- FIRE IN FLIGHT

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|--|---|
| 1.- Heating | Close |
| 2.- Fuel Selector | Close |
| 3.-Throttle | Full power |
| 4.-Master switch | Switch off |
| 5.- Ignition switch | Switch OFF after fuel in carburetors is consumed and engine shut down |
| 6.- Choose of area | Heading to the nearest airport or choose Emergency landing area. |
| 7.- Emergency landing | Perform according to 6 |
| 8.- Leave the airplane | |
| 9.- Extinguish fire for yourself or call for a fire brigade if you cannot do it. | |

6.- EMERGENCY LANDING

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|--|---------------------------------------|
| 1.- Speed | Adjust for optimum gliding (60 knots) |
| 2.- Trim | Adjust |
| 3.- Safety harness | Tighten |
| 4.-Flaps | Extend as needed |
| 5.- COMM | Report your location if possible |
| 6.- Fuel selector | Close |
| 7.-Ignition Switch | Switch OFF |
| 8.- Master switch | Switch OFF |
| 9.- Perform approach without steep turns and land on chosen landing area | |