

StingSport ANNUAL CONDITION INSPECTION (100 hour) CHECK LIST

Aircraft S/N: FLUSH111 Registration: C.I.DVN Date: Dec 2-8 Aircraft Hours: 730.4
2020

Inspection Item	Pass Fail	Comments
1. Wash, clean and vacuum the aircraft.	✓	Cover pitot tube, close, turn down vents
2. Unassigned		
3. Engine		
4. Remove and check engine cowlings for signs of heat damage, leaks or cracks.	✓	Store screws in glare shield area
5. Check all components in the engine compartment for chafing, loose connections, wear, fluid or exhaust leaks.	✓	Include oil cooler fittings; check all hoses near exhaust system for heat damage.
6. Check brake fluid level.	✓	Use DOT4 auto
7. Check and clean air filters.	✓	Use K&N recharge kit
8. Check oil cooler and radiator for damage or debris.	✓	
9. Check cowling ducts for blockage	✓	Check for rubbing, clearance and alignment duct air supply to each cooler/radiator
10. Inspect the fuel installation, hoses, pumps, connections, and supports. Inspect and clean the fuel filter(s)	✓	Check all hoses near exhaust system for heat damage
11. Check function of the fuel vent system	✓	
12. Oil and oil filter change, examine oil filter insert, send oil sample for analysis.	✓	See Rotax SB for oil specs, pre-fill filter half full before installing.
13. Inspect and replace the spark plugs.	✓	Replace at 200 Hr or Alternate Annual
14. Check & record the engine cylinder compression values.	OK	
15. Check coolant in expansion tank and overflow bottle.	✓	Use silica free 50/50 coolant mixture with distilled water.
16. Inspect the engine supports and engine compartment components	✓	
17. Inspect and check engine mount bolts	✓	
18. Check the engine mount for cracks, corrosion, weld condition and paint chips.	✓	Repaint any chips
19. Check the exhaust springs, the pipe system and its attachment for leaks, cracks on the exhaust pipe and welds.	✓	Examine curved portion of exhaust pipes
20. Check required items as shown in Rotax engine technical documents	✓	Documents available from CD furnished with aircraft
21. Reinstall cowlings and check for proper installation.	✓	
22. Unassigned		
23. Propeller		
24. Check propeller for scratches or chips.	✓	Inspect blade tips
25. Check hub for corrosion.	✓	
26. Check bolts for corrosion and proper torque.	✓	
27. Check for security and alignment of prop nose spinner.	✓	Re-install spinner with alignment notch

Section 2: Insert 1 of 8

31-Dec-05

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Aircraft S/N: FLUSH 117 Registration: CIDVN Date: Dec 2-8 Aircraft Hours: 730.4
2020

Inspection Item	Pass Fail	Comments
1. Wash, clean and vacuum the aircraft.	✓	Cover pitot tube, close, turn down vents
2. Unassigned		
3. Engine		
4. Remove and check engine cowlings for signs of heat damage, leaks or cracks.	✓	Store screws in glare shield area
5. Check all components in the engine compartment for chafing, loose connections, wear, fluid or exhaust leaks.	✓	Include oil cooler fittings; check all hoses near exhaust system for heat damage.
6. Check brake fluid level.	✓	Use DOT4 auto
7. Check and clean air filters.	✓	Use K&N recharge kit
8. Check oil cooler and radiator for damage or debris.	✓	
9. Check cowling ducts for blockage	✓	Check for rubbing, clearance and alignment duct air supply to each cooler/radiator
10. Inspect the fuel installation, hoses, pumps, connections, and supports. Inspect and clean the fuel filter(s)	✓	Check all hoses near exhaust system for heat damage
11. Check function of the fuel vent system	✓	
12. Oil and oil filter change, examine oil filter insert, send oil sample for analysis.	✓	See Rotax SB for oil specs, pre-fill filter half full before installing.
13. Inspect and replace the spark plugs.	✓	Replace at 200 Hr or Alternate Annual
14. Check & record the engine cylinder compression values.	OK	
15. Check coolant in expansion tank and overflow bottle.	✓	Use silica free 50/50 coolant mixture with distilled water.
16. Inspect the engine supports and engine compartment components	✓	
17. Inspect and check engine mount bolts	✓	
18. Check the engine mount for cracks, corrosion, weld condition and paint chips.	✓	Repaint any chips
19. Check the exhaust springs, the pipe system and its attachment for leaks, cracks on the exhaust pipe and welds.	✓	Examine curved portion of exhaust pipes
20. Check required items as shown in Rotax engine technical documents	✓	Documents available from CD furnished with aircraft
21. Reinstall cowlings and check for proper installation.	✓	
22. Unassigned		
23. Propeller		
24. Check propeller for scratches or chips.	✓	Inspect blade tips
25. Check hub for corrosion.	✓	
26. Check bolts for corrosion and proper torque.	✓	
27. Check for security and alignment of prop nose spinner.	✓	Re-install spinner with alignment notch

31-Dec-05

Section 2: Insert 1 of 8

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Section 1: Record of engine maintenance and elementary work

Date --/--/--	Time since new	Time since overhaul	Total cycles	Details of task
20/10/2007	172.9	—	148	Carried Forward
20/10/2007	172.9	—	148	100 HOUR / ANNUAL INSPECTION 10W-30 New Rotax 125 as per ROTAX ASB-912-017 Air filter secured in tank ROTAX SERVICE INSTANTON SHEETS COMPLETED and for OIL chgd - Formula Shell 10W-30
Sept 3/08	210.3	—		200hr / Annual Insp. Date NEW FILTER - MAGNETIC PLUG & LOOSE ANVATIONS, ETC. REMOVED SDGS & WILDED
15 Oct /08	227.0			
1 NOV /08				
APR 1 /09	233.15			
Aug 11/09	248.5			
DEC 17 /09	269.0			100 Hr. Annual Inspection
SEP 2 /10	291.1			OIL chgd - SUPER
DEC 8 /10	348.9			ANNUAL Insp. - OIL chgd - SAFETY WIRES CHECKED - DID NOSE GEAR Insp. -
NOV 7 /11	374.2			OIL chgd - SUPER MOBIL 5W-30
NOV 2 /11	392.4			100hr Annual Inspection -

Signature	AME ACA/AMO SCA/AMO
CARRIED OUT. OIL CHANGED FORMULA SHELL oil filter installed. Magnetic plug inspected TIL ULTRALIGHT "NOTICE OF CORRECTIVE ACTION" with standard steel lockwire in lines of SI 912-017. ROTAX SCHEDULE MAINTENANCE envelope in back of Technical Log. New Rotax Filter INSTALLED	R. R. R. R. R. M. R. R. R. R.
OIL chgd - SHELL Formula 10W-30. Installed EVIDENCE AS REQ'D - OK. CHECK FOR OIL LEAKS NOSE GEAR START INSPECTED & RE-LOOSED AS REQ'D. ROD'S - INSPECTED, - NO CORROSION & RE-ASSEMBLED	M. R. R. R. R.
NOSE GEAR - DISMANTLE, CHECK FOR CRACKS, OVAL & ALIGNMENT. RELUB & REASSEMBLE. REPLACE CANOPY GAS START - PILOT SIDE. OIL & FILTER chgd - MOBIL SUPER 5W-30	M. R. R. R. R.
CARRIED OUT. OIL & FILTER chgd - MOBIL - SUPER 5W-30. MAG PLUG CHECKED - OK. FILTER SAFETY WIRES. ADDED BRAKE FLUID. REPLACED SPARK PLUGS. LUBED MAIN WHEELS DID NOSE GEAR START INSPECTION & RELUBED. MOBIL - 5W-30	M. R. R. R. R. M. R. R. R. R.
SUPER MOBIL - 5W-30. NEW OIL FILTER (Rotax) Compressor. BARRA PLUM & COILS & LUBES. & LUBED ALSO LUBED MAIN GEAR.	M. R. R. R. R.
& FILTER	M. R. R. R. R.
OIL chgd - MOBIL SUPER 5W-30. NEW OIL FILTER Installed & OIL LEAKS CHECKED & LUBED MAIN WHEELS. NOSE WHEEL INSPECTION - OK. CHECKED & LUBED MAIN WHEELS. COILS & LUBES.	M. R. R. R. R.

Section 1: Record of propeller maintenance and elementary work

[illegible][illegible]

Section 1: Airframe Log

DATE	AIR TIME		LANDINGS / CYCLES		DETAILS OF TASK (INSPECTION, REPAIRS & RE
	DAILY TOTAL	TOTAL	DAILY TOTAL	TOTAL	

12/2/20 706.5

730.4

12/8/20 730.4

6/24/21 735.5

Annual Insp. Chgd oil - MOBIL -
Filings - OK Bacon Color, CHECKED
Connections - CHECKED PLUMBING
Pulled Seats To Inspect To CHECK
INSPECTED ELT, REPLACED

NAME/ SIGNATURE	LICENCE AME or AMO/ACA
--------------------	------------------------------

Super 5W-30. Replaced oil filter - checked for
COMPRESSION - GOOD. CHECKED FOR ANY LEAKS, LOOSE -

- CHECKED NOSE GEAR + MAINS. CHECKED PROP - OK.

Cables + wiring - all good. Run-up CHECK FOR LEAKS.

BATTERIES WITH 6 NEW D-CELLS (EXPIRY - 2030) + TESTED

M. C. ... Pu 432090

" "

" "

" "

" "

" "

" "

DATE AIR TIME LANDINGS / CYCLES

18111200 DAILY TOTAL NRS MIN HOURS MIN DAILY TOTAL TOTAL

CARRIED FORWARD					
	149.1	149.1		130	ESTIMATED
18 NOV 06	4.1	152.7	3	133	
19 NOV 06		159.5	3	136	
20 NOV 06		165.5	4	140	
21 NOV 06		170.6	2	142	
16 JAN 07		171.9	1	143	
25 JAN 07		172.9	5	148	
20 OCT 07		172.9		148	

DETAILS OF TASK (INSPECTION, REPAIRS & REPAIRS)

100 HOUR / ANNUAL INSPECTION
SAR 10W-30, OIL FILTER
compliance with ROTAX
"CORRECTIVE ACTION" air
wire in two locations in
SB 912-02941 R3 crankcase
S.R.O. NOTICE OF CORRECTIVE
carried out and lubricated.

ALL BRAKE PADS REPLACED
Rainforth / Rocks To Okotoks
Rainforth / Murray Pt. Demo
Rainforth / Rocks - RETARD SPRING
Rainforth / MORTIMER - SPRING BATH
MORTIMER / Rainforth - SPRING BATH
MORTIMER - Okotoks local.

MORTIMER - Okotoks local
" " "
" OKTAS - INDUS - local
" OKTAS - CHARLOTTE - local
Okotoks - local
" " "
Okotoks - Drumheller
Drumheller - Okotoks
Okotoks - local
Okotoks - Charlotte local
" - INDUS RETURN

COMPLETED. OIL CHANGED FORMULA SHELL
INSTALLED, Magnetic plug inspected in
ASB 912-51, TL ULTRALIGHT "NOTICE OF
filters secured with stainless steel safety
line of Rotax SI-912-017. Rotax
inspected for oil leaks. TL ULTRALIGHT
ACTION "NOSE GEAR STRUT INSPECTION"

WITH NEW PADS

NAME / SIGNATURE

Robert M
H. R.

RECORD OF TIME - FICHE DE TEMPS

1000

Pour la conformité opérationnelle seulement, inscrire le temps du **Prochain Entretien** dans la première case au bas de la page droite. Quand le temps d'entretien est atteint et accompli, rayer l'entrée et inscrire le temps du **Prochain Entretien** dans le case suivante.

RECORD OF TIME - FICHE DE TEMPS

Next Maintenance Prochain Entretien:	Due:	Due:	Due:	Due:
---	------	------	------	------

H. E. Reinhardt A-57568

AIRCRAFT DATA - DONNÉES D'AÉRONEF

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NATIONALITY AND REGISTRATION NATIONALITÉ et REGISTRATION	CANADIAN C-IDVN
MANUFACTURER'S NAME & MODEL DESIGNATION NOM du CONSTRUCTEUR & DESIGNATION du MODÈLE	TL ULTRALIGHT .S.R.O. TL-2000 STING SPORT CARBON
SERIAL NUMBER NUMÉRO de SÉRIE	TLUSA111
FUEL CARBURANT	CAPACITY 20.5 u.s. gal GRADE 92 OCTANE UNLEADED CAPACITÉ TYPE AUTOMOBILE FUEL ALTERNATE: 100LL AVGAS
OIL GRADE TYPE D'HUILE	SUMMER FORMULA SHELL APIS J WINTER ÉTÉ SYNTHETIC BLEND SAE 10W-30 HIVER

MAINTENANCE SCHEDULE - CALENDRIER de MAINTENANCE

MAINTENANCE SCHEDULE - CALENDRIER de MAINTENANCE

WEIGHT and BALANCE - *POIDS et CENTRAGE*

WEIGHT AND BALANCE	
AUTHORIZED MAXIMUM GROSS WEIGHT POIDS BRUT MAXIMAL AUTORISÉ	12 31.5 LBS
DATUM POINT POINT de RÉFÉRENCE	
CENTRE OF GRAVITY LIMITS LIMITES de CENTRAGE	FORWARD AVANT 232.3 LBS
	AFT ARRIÈRE 999.2 LBS.

EMPTY AIRCRAFT - L'AÉRONEF VIDE

[illegible]

Section 1: Record of engine maintenance and elementary work

Date .../.../...	Time since new	Time since overhaul	Total cycles	Details of task
Oct 8/12	444.3	—	—	Chg'd oil - Mobil Super Replaced Spark plugs
DEC 13/13	483.4	—	—	Annual inspection - (100 HA) - Chg'd oil + filter
Oct 24/14	518.2	—	—	Annual inspection - Chg'd oil + filter
Oct 12/15	570.8	—	—	Annual 100 HA Inspection - Chg'd oil + filter
Oct 19-22/18	612.4	—	—	ANNUAL INSPECTION - SEE JOURNEULEG
Oct 31/17	649.5	—	—	ANNUAL INSPECTION - SEE FRONTIER PROS
Oct 15-20/18	690.1	—	—	" " " "
May 12/19	694.7	—	—	Replaced OIL PRESS - SENSOR
Jun 27/19	698.3	—	—	SENT CDI'S IN for TESTING & REPAIR
Oct 24/19	706.5	—	—	ANNUAL Insp - SEE AIRCRAFT TEC RECORD
12/8/20	730.5	—	—	ANNUAL Insp - SEE AIRCRAFT TEC. " "
5 JUNE 2021	—	—	—	REPLACED FUEL PUMP REPLACED FUEL NOZZLE

	Signature	AME ACA/AMO SCA/AMO
5W-30W + Rotax Filter + Slightly mixed. Add 200 hr Annual Insp. + Check List. Checked all Fluid Levels + topped up. Checked Compression - OK + even. Checked main gear new wheel + lubed. Cleared air filter.	MM ^o Cuthbert	
5W-30W Mobil Super. 100 hr annual inspection as per Strip sheet (Rotax) maint. schedule sheets as attached. Checked for oil leaks + topped up all fluid levels.	MM ^o Cuthbert	
5W-30W Super Mobil 2000 100 hr annual Inspo as per Rotax Schedule Maint. sheets attached 31/10/19	MM ^o Cuthbert	
5W-30W Super Mobil 2000 Did annual inspection as per Strip sheet + Rotax Schedule maint sheet - as attached 12-10-15	MM ^o Cuthbert	
Also Had AME (Rotax) Doug Eaglesham Replace CARB AIR (Gasjets + O-Rings) + Balance CARBURETORS.		
- And Inspected CHECK LIST - FRONT of Book.	MM ^o Cuthbert	PU 492098
- Inspected CHECK LIST.	"	"
" " Also AM FRAME Log.	"	"
- Also Replaced BATTERY with New one.	"	"
- Had been having trouble starting - this has corrected problem	"	"
- PREV. Log. - (AM FRAME Log)		
" " " "	MM ^o Cuthbert	PU 492099
FIREWALL FORWARD 1AW ROTAX 5YR RUBBER REDUCING		

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			730.4				filings - OK Bacon Color, CHECKED
							Connections - CHECKED PLUMBING
12/8/20			730.8				Pulled Seats To Inspect To CHECK
6/24/21			735.5				INSPECTED ELT, REPLACED

NAME/ SIGNATURE	LICENCE AME or AMO/ACA
McIntosh	Pu 432090
"	"
"	"
"	"
"	"

SUPER 5W-30. Replaced oil filter - checked for
COMPRESSION - GOOD. CHECKED FOR ANY LEAKS, loose -
- CHECKED NOSE GEAR + MAINS. CHECKED PROP - OK.
Cables + wiring - all good. Run-up CHECK FOR LEAKS.
BATTERIES WITH 6 NEW D-CELLS (EXPIRY - 2030) + TESTED

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"CORRECTIVE ACTION" air
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S.R.O. NOTICE OF CORRECTIVE
carried out and lubricated.

ALL BRAKE PADS REPLACED
Rainforth / Rocks To Okotoks
Rainforth / Murray Pkt. Demo
Rainforth / Rocks - RETIAR Springs
Rainforth / MORTIMER - Springs Brake
MORTIMER / Rainforth - SPRING - OKOTOKS
MORTIMER - OKOTOKS - LOCAL

MORTIMER - OKOTOKS - LOCAL
" " "
" OKOTOKS - INDUS - LOCAL
" OKOTOKS - CHARLOTTE - LOCAL
OKOTOKS - LOCAL
" " "
OKOTOKS - DRUMHELLER
DRUMHELLER - OKOTOKS
OKOTOKS - LA COE
OKOTOKS - CHARLOTTE - LOCAL
" - INDUS - RETIAR

COMPLETED. OIL CHANGED FORMULA SHELL
INSTALLED, Magnetic plug inspected in
ASB 912-51, TL ULTRALIGHT "NOTICE OF
filters secured with stainless steel safety
line of Rotax SI-912-017. Rotax
inspected for oil leaks. TL ULTRALIGHT
ACTION "NOSE GEAR STRUT INSPECTION"

WITH NEW PADS

NAME /
SIGNATURE

Robert
H. R.