

# Master Equipment List

## NOTIFICATION 093009(MEL)

ISSUED BY:

**TL-Ultralight s.r.o.**

Budova č.84 Letiště,  
503 41 Hradec Králové  
Czech Republic  
Tel: +420 495 211 753  
Fax: +420 495 213 378  
URL: <http://www.tl-ultralight.cz/>

DATE OF NOTICE: 30 September 2009

EFFECTIVE DATE: Immediately

LIMITATIONS: None

REPLACEMENT: All previous MEL notices

AFFECTED AIRCRAFT: TL-Ultralight, TL-2000, Sting, TL-3000 Sirius; All models

AFFECTED SERIAL NUMBERS: All

NOTICE ID: 093009(MEL)

PAGES: This is Page 1 of 9 pages.

---

REFERENCES: This approved master equipment notice.  
Aircraft Maintenance Manual(AMM).  
, Aircraft Operation Instructions (AOI)  
or Pilot Operating Handbook (POH).  
Named manufacturer model installation manuals.  
Named manufacturer model operation manuals.

DISCUSSION:

As a function of the continued airworthiness program, all equipment listed in this notice is approved for installation in TL 2000 Sting series and TL-3000 Sirius series make & models. To assist in search, the general location of equipment within the aircraft is shown for each item.

CORRECTIVE ACTION:

All previously dated equipment approvals are cancelled.

SCHEDULE:

None, this equipment notice will be updated as required.

---

This notice issued iaw ASTM Designation: F 2295 / Standard Practice for Light Sport Airplane Continued Operational Safety Monitoring  
SAFETY ALERT requires immediate action. / SERVICE BULLETIN recommends future action. / NOTIFICATION continued airworthiness information.

# Master Equipment List

## NOTIFICATION 093009(MEL)

### A. Airframe

<b>Item Description</b>	<b>Manufacturer</b>	<b>Model</b>
1. Parachute System	Galaxy	LSA Series
2. Cabin Heating	TL Ultralight	OEM
3. Wheels/Tires/Tubes	TL Ultralight	OEM
4. Wheels/Tires/Tubes	Grove Gear Systems	Custom 500x5/400x4
5. Wheels/Tires/Tubes	Matco	WHI60L/500x5/400x4
6. Brake systems	TL Ultralight	OEM
7. Brake systems	Grove Gear Systems	Custom 670-18
8. Brake systems	Matco	MCMC-4A
9. Brake Shoes	TL Ultralight	OEM
10. Brake Shoes	Matco	Custom 50-201
11. Brake Shoes	Grove	As supplied above
12. Tires, nose, main	TL Ultralight	480-8 OEM
13. Tires, nose, main	SureTrail	480-8
14. Tires, nose ,main	Aero Classic	400-6 w Grove Matco
15. Tires, nose, main	Continental	LB 400-8 55J
16. Tire, nose only	Continental	LB 350-8 55J
17. Tire, main only	AeroTrainer	500.5
18. Tire tubes (required all wheels)	OEM	As Sized
19. Parking Brake	TL Ultralight	OEM
20. Wheel Pants	TL Ultralight	OEM
21. Landing/Taxi Light	TL Ultralight	Incandescent
22. Landing/Taxi Light	TL Ultralight	Halogen
23. Landing/Taxi Light	AeroLED	1600 Series
24. Landing/Taxi Light	Whelen	A775
25. Landing/Taxi Light	Kuntzleman	LED
26. Landing/Taxi Light	Xevision	XV Series
27. WigWag Lighting	TL Ultralight	Landing/Taxi
28. Wig Wag Lighting	ForeSight	LED 4
29. Strobe Lights	TL Ultralight	OEM
30. Strobe Lights	Kuntzleman	Dual - Triple
31. Navigation Lights	TL Ultralight	OEM
32. Navigation Lights	Avero	LED
33. Navigation Lights	Kuntzleman	LED
34. VHF Antenna	TL Ultralight	OEM
35. VHF Antenna	TL Ultralight	SS
36. VHF Antenna	Comant	CI-292
37. Transponder Antenna	TL Ultralight	OEM
38. Transponder Antenna	Comant	C101
39. Transponder Antenna	Comant	C105
40. VOR / ILS Antenna	Comant	CI158C
41. VOR / ILS Antenna	Comant	CI120-400 series

This notice issued iaw ASTM Designation: F 2295 / Standard Practice for Light Sport Airplane Continued Operational Safety Monitoring  
SAFETY ALERT requires immediate action. / SERVICE BULLETIN recommends future action. / NOTIFICATION continued airworthiness information.

## Master Equipment List

---

### NOTIFICATION 093009(MEL)

42. Cabin Light	TL Ultralight	LED
43. Aerial Towing System	TL Ultralight	OEM

This notice issued iaw ASTM Designation: F 2295 / Standard Practice for Light Sport Airplane Continued Operational Safety Monitoring  
SAFETY ALERT requires immediate action. / SERVICE BULLETIN recommends future action. / NOTIFICATION continued airworthiness information.

# Master Equipment List

## NOTIFICATION 093009(MEL)

### B. Engine

<b>Item Description</b>	<b>Manufacturer</b>	<b>Model</b>
1. Engine	Rotax	912 -UL
2. Engine	Rotax	912S - ULS
3. Engine	Rotax	914 - ULS
4. Engine Oil Filter	Rotax ( <i>No Substitutes!</i> )	825-701
5. Engine Oil Tank Drain Valve	TL Ultralight	12MM-1.75T
6. Engine Air Filter	K&N	SP Series
7. Engine Air Filter	K&N	RU Series
8. Engine Air Filter	K&N	RU Series
9. Engine Air Filter	K&N	R Series
10. Engine Hour Meter	Hobbs	85000-98000, Series
11. Engine Hour Meter Sensor	TL Ultralight	OEM
12. Engine Pre-Heater	Tanis	912/914, Series
13. Engine Pre-Heater	Reiff	912/914, Series
14. Engine Ignition Modification	BullyHawk/ConAir	Soft Start Module, Series)
15. Radiator, 1" / 2"	TL Ultralight	OEM
16. Radiator Thermostat	TL Ultralight	OEM
17. Radiator Thermostat	Permacool	Series
18. Oil cooler	TL Ultralight	OEM
19. Oil cooler	Rotax	OEM
20. Oil Thermostat	TL Ultralight	OEM
21. Oil Thermostat	Permacool	Series
22. Carburetor Fuel Drip pans	TL Ultralight	OEM
23. Carburetor Heat Shields	TL Ultralight	OEM
24. Carburetor Support Brackets	TL Ultralight	OEM
25. Carburetor Heating System	TL Ultralight	OEM
26. Auxiliary Fuel Pump	Facet	40105
27. Auxiliary Gear Drive	Rotax	OEM
28. Auxiliary Electrical Alternator	B&C	SD-20S12v+ Options
29. Aux Electrical Regulator	B&C	LR3C-14
30. Propeller	Woodcomp	SR117, SR200, Propulse
31. Propeller	DUC	Swirl
32. Propeller	IVO	MED only
33. Propeller	Sensenich	2A/3B series
34. Fuel Shut off	TL Ultralight	OEM
35. Fuel Shut off	Andair	FS20F4-H
36. Gascolator	TL Ultralight	OEM
37. Gascolator	Andair	GAS375-H
38. Gascolator	ACS	10580
39. Battery	TL Ultralight	OEM
40. Battery	Varta	YTX9-BS (or Equivalent)
41. Battery	Odyssey	PC series

This notice issued iaw ASTM Designation: F 2295 / Standard Practice for Light Sport Airplane Continued Operational Safety Monitoring  
SAFETY ALERT requires immediate action. / SERVICE BULLETIN recommends future action. / NOTIFICATION continued airworthiness information.

## Master Equipment List

---

### NOTIFICATION 093009(MEL)

42. Battery

PowerMax

XTX9-BS

This notice issued iaw ASTM Designation: F 2295 / Standard Practice for Light Sport Airplane Continued Operational Safety Monitoring  
SAFETY ALERT requires immediate action. / SERVICE BULLETIN recommends future action. / NOTIFICATION continued airworthiness information.

# Master Equipment List

## NOTIFICATION 093009(MEL)

### C. Communication

<b>Item Description</b>	<b>Manufacturer</b>	<b>Model</b>
1. Intercom	PS Engineering	PM501
2. Intercom	PS Engineering	PM1000
3. Intercom	PS Engineering	PM3000
4. Audio panel	PS Engineering	PM6000
5. Audio panel	Garmin	GMA240-430
6. VHF Radio	Garmin	SL40
7. VHF Radio	Icom	A200-210
8. VHF Radio	Xcom	760 + Options
9. VHF Radio	Becker	AR-401
10. VHF Radio	MicroAir	200SFL
11. VHF Radio	Becker	AR4201
12. VHF Radio	MicroAir	M760
13. VHF-VOR- ILS NAV Radio	Garmin	SL30
14. Transponder	Garmin	GTX320A
15. Transponder	Garmin	GTX327
16. Transponder	Garmin	GTX330
17. Emergency Locator Transmitter	Ameri-King	450 - 451
18. Emergency Locator Transmitter	ACK	ACK E-04

### D. Autopilot and Detection Systems

<b>Item Description</b>	<b>Manufacturer</b>	<b>Model</b>
1. Autopilot System, Steering	TruTrak	PP1
2. Autopilot System, Steering	TruTrak	ADI P1
3. Autopilot System, Steering	TruTrak	Digiflight II
4. Autopilot System, Altitude	TruTrak	Altrak
5. Autopilot System, Steering, Altitude	TruTrak	ADI P2
6. Autopilot System, Steering, Altitude	TruTrak	EFIS system
7. Autopilot System, Steering, Altitude	TruTrak	Digiflight II
8. Autopilot System, Steering, Altitude	Dynon	Dynon
9. Autopilot System, Steering, Altitude	Grand Rapids	GRT
10. Autopilot System, Steering, Altitude	Trio	EZ Series
11. Autopilot System, SAV	TL Ultralight	OEM
12. EVS Enhanced Vision System	ForeSight	All Series
13. Aircraft Fatigue Meter	TL Elektronik	TL-4324
14. Stall Warning System	ACI	10-00235
15. Stall Warning System	Reddish	Mark 1
16. Weather Avoidance System	Strike Finder	SF 2000 Series
17. Voice Annunciator System	Electronics International	AV-17
18. Fire Extinguisher	TL Ultralight	OEM

This notice issued iaw ASTM Designation: F 2295 / Standard Practice for Light Sport Airplane Continued Operational Safety Monitoring  
SAFETY ALERT requires immediate action. / SERVICE BULLETIN recommends future action. / NOTIFICATION continued airworthiness information.

# Master Equipment List

---

## NOTIFICATION 093009(MEL)

19. Fire Extinguisher

H3R Aviation

RT Series

This notice issued iaw ASTM Designation: F 2295 / Standard Practice for Light Sport Airplane Continued Operational Safety Monitoring  
SAFETY ALERT requires immediate action. / SERVICE BULLETIN recommends future action. / NOTIFICATION continued airworthiness information.

# Master Equipment List

## NOTIFICATION 093009(MEL)

### E. Instrumentation

<b>Item Description</b>	<b>Manufacturer</b>	<b>Model</b>
1. Altitude Encoder	Ameri-King	350
2. Altitude Encoder	ACK	ACK30
3. Pitot-Tube/System	TL Ultralight	OEM
4. Pitot Tube System	SpaceAge	425402
5. Pitot AOA System	Dynon	Series
6. Pitot-AOA System	RiteAngle	Series
7. PCAS System	Zaon	MRX Series
8. PCAS System	Zaon	XRX Series
9. Course Deviation Indicator	Garmin	GI-106
10. Course Deviation Indicator	Mid-Continent	200300 Series
11. Airspeed Indicator	TL Ultralight	OEM
12. Airspeed Indicator	UMA	2.25" – 3.125"
13. Airspeed indicator	Winter	2.25" – 3.125"
14. Artificial Horizon	TruTrak	2.25" – 3.125"
15. Artificial Horizon	Sigma-Tek	1U670-002
16. Artificial Horizon	RC Allen	2.25" – 3.125"
17. Directional Gyro	Falcon	10-01798
18. Directional Gyro	RC Allen	RCA 15 Series
19. Directional Gyro	Sigma-Tek	4000C-1
20. Altimeter, Hg	TL Ultralight	OEM
21. Altimeter, Hg	UMA	2.25"- 3.125"
22. Turn & Bank	TruTrak	2.25" – 3.125"
23. Turn & Bank	RC Allen	2.25" – 3.125"
24. Turn & Bank	MLG	AV-2
25. Turn Coordinator	Falcon	TC02E-3-2
26. Tachometer	Rotax / UMA	2.25" – 3.125"
27. Tachometer	TL Ultralight / UMA	2.25" – 3.125"
28. Vertical Velocity	TL /Falcon / UMA	2.25" – 3.125"
29. Magnetic Compass	TL Ultralight / UMA	Pedestal
30. Magnetic Compass	UMA	PA1700
31. Magnetic Compass	Precision	10-00421
32. Magnetic Compass	AirPath	C24000-L4P
33. Fuel Gauge	TL / Falcon / UMA	2.25"
34. Oil Temperature Gauge	TL / Falcon / UMA	2.25"
35. Oil Pressure Gauge	TL / Falcon / UMA	2.25"
36. Cylinder Temperature Gauge	TL / Falcon / UMA	2.25"
37. Exhaust Temperature Gauge	TL / Falcon / UMA	2.25"

This notice issued iaw ASTM Designation: F 2295 / Standard Practice for Light Sport Airplane Continued Operational Safety Monitoring  
SAFETY ALERT requires immediate action. / SERVICE BULLETIN recommends future action. / NOTIFICATION continued airworthiness information.

# Master Equipment List

## NOTIFICATION 093009(MEL)

### F. Navigation, Electronic Display Systems (EFIS-EMS-EVS)

Item	Description	Manufacturer	Model
1.	GPS Navigation System	Garmin	GPS295
2.	GPS Navigation System	Garmin	GPS296
3.	GPS Navigation System	Garmin	GPS396
4.	GPS Navigation System	Garmin	GPS496- 495
5.	GPS Navigation System	Garmin	GPS696 695
6.	GPS Navigation System	Garmin	GNA430+Options
7.	GPS Navigation System	Garmin	GNA530+Options
8.	GPS Navigation System	Garmin	G3X Series + Options
9.	GPS Navigation System	Garmin	GDU370-375 Series
10.	GPS Navigation System	Garmin	Aera Series
11.	GPS Navigation System	AvMap	EKPIV Series
12.	EIS-Engine Information System	Grand Rapids	2000/4000 Series + Options
13.	EMS-Engine Management System	I-K Technology	Greenline Series + Options
14.	EMS-Engine Management System	TruTrak	Rotax 900 Series
15.	EMS-Engine Management System	Garmin	Rotax 900 Series
16.	EMS-Engine Management System	TL Electronic	Rotax 900 Series
17.	EMS-Engine Management System	Vertical Power	VP-200 Series
18.	AM/FM/CD/XM Entertainment Receiver	TL Ultralight	OEM
19.	EFIS/EMS Elect Flight Information System	True Flight	FL210 Series + Options
20.	EFIS/EMS Elect Flight Information System	Dynon	D10/A Series + Options
21.	EFIS/EMS Elect Flight Information System	Dynon	D100/120/180 Series + Options
22.	EFIS/EMS Elect Flight Information System	Dynon	SkyView Series + Options
23.	EFIS/EMS Elect Flight Information System	TruTrak	All Series
24.	EFIS/EMS Elect Flight Information System	Garmin	G3X Series + Options
25.	EFIS/EMS Elect Flight Information System	Blue Mountain	Lite G3/G4 Sport Series
26.	EFIS/EMS Elect Flight Information System	Grand Rapids	Sport Series + Options
27.	EFIS/EMS Elect Flight Information System	Grand Rapids	Horizon Series + Options
28.	EFIS/EMS Elect Flight Information System	Advanced	AF3400-3500 Series + Options
29.	EFIS/EMS Elect Flight Information System	Op Technologies	F6000, F7000 Series + Options
30.	EFIS/EMS Elect Flight Information System	Stratomaster	Enigma/Odyssey series
31.	EFIS/EMS Elect Flight Information System	TL Electronic	Integra Series
32.	EFIS/EMS Elect Flight Information System	Aerosonic	All Series

General note: Manufacturers' model numbers are updated with each issue of this notice: some reference numbers will apply to products available on-line from [www.aircraftspruce.com](http://www.aircraftspruce.com)

This notice issued iaw ASTM Designation: F 2295 / Standard Practice for Light Sport Airplane Continued Operational Safety Monitoring  
SAFETY ALERT requires immediate action. / SERVICE BULLETIN recommends future action. / NOTIFICATION continued airworthiness information.