

## PIPISTREL TECHNICAL TRAINING FOR VIRUS

### SW 128 AGENDA

Five days training starts every day at 09:00 in the morning at Pipistrel Vertical solution d.o.o. in Ajdovscina. Short break will be after each full hour of lectures, lunch time from 12:10 to 13:10. Practical lectures will be conducted in the classroom itself. Lectures will be completed at 17:30.

Price for such training is 800€/day /participant in case of at minimum 5 participants, otherwise price will be determined.

In this price is included training with hard and soft copies, soft drinks and snacks. Accommodation and other expenses are not included.

DAY	Time	Activity - Theoretical part
Day 1 Monday	9:00 – 10:00	<ul style="list-style-type: none"> <li>• VELIS Electro basic layout - nivo 1</li> </ul>
	10:00 – 10:05	Break
	10:05 – 11:05	<ul style="list-style-type: none"> <li>• VELIS Electro basic layout – nivo 1</li> </ul>
	11:05 – 11:10	Break
	11:10 – 12:10	<ul style="list-style-type: none"> <li>• Propeller pre-flight check – nivo 1</li> <li>• Pilot conducted maintenance and handling - nivo 1</li> </ul>
	12:10 -13:10	Lunch break
	13:10 – 14:10	<ul style="list-style-type: none"> <li>• Cleaning - nivo 1</li> <li>• Coolant inspection - nivo 1</li> <li>• Battery recharging - nivo 1</li> </ul>
	14:10 – 14:15	Break
	14:15 – 15:15	<ul style="list-style-type: none"> <li>• Storage procedure - nivo 1</li> <li>• Battery balancing - nivo 1</li> </ul>
	15:15 – 15:20	Break
	15:20 – 16:20	<ul style="list-style-type: none"> <li>• Electro portal update and logger readout - nivo 1</li> </ul>
	16:20 -17:20	Break
17:20 – 17:30	<ul style="list-style-type: none"> <li>• Conclusion and questions (Leon, Jernej, Janko)</li> </ul>	
Day 2 Tuesday	9:00 – 10:00	<ul style="list-style-type: none"> <li>• Propeller maintenance practices - nivo 2</li> <li>• High voltage battery system- nivo 2</li> </ul>
	10:00 – 10:05	Break
	10:05 – 11:05	<ul style="list-style-type: none"> <li>• Electric motor removal - nivo 2</li> <li>• Electric motor installation - nivo 2</li> </ul>

	11:05 – 11:10	Break
	11:10 – 12: 10	<ul style="list-style-type: none"> <li>• Power controller removal - nivo 2</li> <li>• Power controller installation - nivo 2</li> </ul>
	<b>12:10-13:10</b>	<b>Lunch break</b>
	13:10 – 14:10	<ul style="list-style-type: none"> <li>• EPSI570C replacement and set up - nivo 2</li> <li>• Main computer replacement - nivo 2</li> </ul>
	14:10 – 14:15	Break
	14:15 – 15:15	<ul style="list-style-type: none"> <li>• Junction box maintenance practices - nivo 2</li> <li>• Cooling system - nivo 2</li> </ul>
	15:15 - 15:20	Break
	15:20 – 16:20	<ul style="list-style-type: none"> <li>• Battery balancing</li> </ul>
	16:20 – 16: 25	Break
	16:25 – 17:30	<ul style="list-style-type: none"> <li>• Conclusion and questions</li> </ul>
<b>Day 3 Wednesday</b>	9:00 – 10: 00	<ul style="list-style-type: none"> <li>• Aircraft software update - nivo 2</li> <li>• Charger software update - nivo 2</li> <li>• Power lever troubleshooting - nivo 2</li> <li>• Electric propulsion system checklist - nivo 2</li> </ul>
	10.00 – 10:05	Break
	10:05 – 11:05	<ul style="list-style-type: none"> <li>• Battery shipment preparation - nivo 2</li> <li>• Cowling_maintenance_practices - nivo 2</li> <li>• Mounts maintenance practices - nivo 2</li> </ul>
	11:05 – 11:10	Break
	11:10 – 12: 10	<ul style="list-style-type: none"> <li>• Electrical Harness maintenance practices - nivo 2</li> <li>• Engine_Indicating - nivo 2</li> <li>• Batteries limitations - nivo 2</li> <li>• Electrical Power - nivo 2</li> <li>• DC generation - nivo 2</li> </ul>
	<b>12:10-13:10</b>	<b>Lunch break</b>
		<b>Activity - Practical part</b>
	13:10 – 17:30	<ul style="list-style-type: none"> <li>• Scheduled maintenance checks – engine group - nivo 2</li> <li>• Scheduled maintenance checks – firewall forward group - nivo 2</li> <li>• Scheduled maintenance checks – battery group- nivo 2</li> <li>• Unscheduled maintenance checks – battery compartments and cooling system - nivo 2</li> <li>• Unscheduled maintenance checks – exceeded speed limit of propeller and engine - nivo 2</li> <li>• Unscheduled maintenance checks – lightning strike inspections on powerplant and electrical systems - nivo 2</li> <li>• Unscheduled maintenance checks – powerplant components overheating -</li> </ul>
<b>Day 4 Thursday</b>	9:00 – 12:10	<ul style="list-style-type: none"> <li>• Replenishing and scheduled servicing – draining/replenishing the coolant of the engine/battery cooling system- nivo 2</li> <li>• Generation – removal/installation of the battery box + disconnection/connection of the battery box - nivo 2</li> <li>• Battery cooling system – inspection of cooling fans - nivo 2</li> </ul>

		<ul style="list-style-type: none"> <li>Battery cooling system – removal/installation of the coolant pumps + inspection/check - <a href="#">nivo 2</a></li> </ul>
	<b>12:10-13:10</b>	<b>Lunch break</b>
	13:10 – 17:30	<ul style="list-style-type: none"> <li>Electric motor – removal/installation of the electric motor - <a href="#">nivo 2</a></li> <li>Powerplant – removal/installation of the power controller - <a href="#">nivo 2</a></li> <li>Electrical load distribution – removal/installation of the junction box + inspection/check - <a href="#">nivo 2</a></li> <li>Electrical load distribution – removal/installation of the charging port - <a href="#">nivo 2</a></li> </ul>
<b>Day 5 Friday</b>	9:00 – 12:10	<ul style="list-style-type: none"> <li>General – motor control quadrant inspection/check - <a href="#">nivo 2</a></li> <li>Liquid cooling – removal/installation of the pump - <a href="#">nivo 2</a></li> <li>Liquid cooling – removal/installation of the cooler - <a href="#">nivo 2</a></li> </ul> Integrated engine instrument systems – software update procedure for electric propulsion system instrument (EPSI) - <a href="#">nivo 2</a>
	<b>12:10-13:10</b>	<b>Lunch break</b>
	13:10-14:10	<ul style="list-style-type: none"> <li>Additional questions and answers, preparation on exam</li> </ul>
	14:10 -14:15	Break
	14:15 – 14:45	<ul style="list-style-type: none"> <li>Exam</li> </ul>
	14:45 – 16:00	Break - Exam check and evaluation
	16:00 – 17:30	<ul style="list-style-type: none"> <li>Certificate award and closing remarks</li> </ul>