

# RF Aircrafts



	<b>SNr.: 01/ O 235</b>	<b>SNr.:02/ O-320</b>
<b>Manufacturer</b>	RF- Aircrafts	
<b>Project duration</b>	2005 – 2009	2010- 2013
<b>Pattern Identification</b>	RF01 - 235M1	RF 01 SNr.:02
<b>Registration</b>	OE – CRF	OE.....
<b>Engine</b>	Lycoming O-235 M1	Lycoming O-320 IOX
<b>Power</b>	88 kW 118 shp	140kW 188 shp
<b>Cruising speed</b>	km/h222/ 120 kts	277km/h 150kts
<b>Service ceiling</b>	5085 m 15.500 ft	5085m 15.500ft
<b>Wingspan</b>	8,4 m 27,5 ft	8,4 m 27,5 ft
<b>Wing area</b>	10,76 m <sup>2</sup> 115,8 ft <sup>2</sup>	10,76 m <sup>2</sup> 115,8ft <sup>2</sup>
<b>Aircraft length</b>	6,5 m 21,3 ft	6,5m 21,3 ft
<b>Height</b>	2,25 m 7,4 ft	2,25m 7,4 ft
<b>Empty weight</b>	397 kg 875 lbs	397 kg 875 lbs
<b>Max take- off weight</b>	700 kg 1.541 lbs	850kg 1873.9 lbs

## Short description – Technical Details RF 01 O- 235M1/O-320

<b>Span with winglets</b>	8,4 m 27,5 ft
<b>Lenght /duration</b>	6,5 m 21,3 ft
<b>Height</b>	2,25 m 7,4 ft

### Wings

Wing area:	10,76 m <sup>2</sup> 115,8 ft <sup>2</sup>
V-shape:	5,5°
Twisting:	- 1,5°
Profile:	MS 1 – 0313M

### Landing gear

Controlled Nosewheel

Aluminum main landing gear

Gauge:	1,93 m 6,33 ft
Wheelbase:	1,38 m 4,52 ft

### Fin

Fin area:	1,2 m <sup>2</sup> 12,9 ft <sup>2</sup>
Rudder area:	0.47 m <sup>2</sup> 5,06 ft <sup>2</sup>

### Tailplane

Tailplane:	1,75 m <sup>2</sup> 1 8,83 ft <sup>2</sup>
Rudder area :	0.71 m <sup>2</sup> 7,64 ft <sup>2</sup>

### Engine

Lycoming:	O-235 M1 /	O – 320 IOX
Horsepower:	86 kW 118 shp	
Fuel:	Mogas/ Avgas	

### Airspeeds

Maximum authorized speed:	388 km/h 210 kts	O-320 IOX
Detto:	388 km/h 210 kts	O-235 M1
Cruising speed:	275 km/h 150 kts	O-320 IOX
Detto:	222 km/h 120kts	O-235 M1



**Kit - Verkauf**

**CONTACT:**

**aps**

**Em@il: [email@aps-robotics.at](mailto:email@aps-robotics.at)**

**Phone: 0043 699 110 75 79 5**

**RF Aircrafts**

**Em@il: [robert.frauwallner1@aon.at](mailto:robert.frauwallner1@aon.at)**

**Phone: +43-(0)676/56 25 510**

**Homepage: <http://www.RF-Aircrafts.com>**