

- Wind 1 (G 7) km/h
- Vis 2.5 km
- CAPE 0 J/kg
- QNH Trend -0.1 hPa/3h
- AFM 7/27
- **Precipitation!**
- Vis 2.5 km
- Upper wind 2 km/h
- Precip. 0.2 mm/h
- Shear 2 km/h
- Therm.

## CATEGORY A — CURRENT CONDITIONS

EASA BOP.BAS.130/145/150

Temperature	<b>-2.4 °C</b>	Dew Point	<b>-4.0 °C</b>
Humidity	<b>89 %</b>	Spread	<b>1.6 °C</b>
QNH	<b>1015 hPa</b>		
Wind	<b>1 km/h from W (270°)</b>		
Gusts	<b>7 km/h</b>	Visibility	<b>2.5 km</b>
Cloud Cover	<b>OVC (100%)</b>	Precipitation	<b>0.2 mm/h (58%)</b>
Clouds low	<b>100%</b>	mid	<b>80%</b>
VFR Minima	<b>NOT MET</b>	high	<b>0%</b>
Sunrise	<b>06:06 (Local)</b>	AFM Wind Limit	<b>MET (7/27 km/h)</b>
		Sunset	<b>18:19 (Local)</b>

## CATEGORY B — BALLOON SPECIFIC

ICON-D2 (DWD, 2km) — Run: 21/03 12:00 UTC | Precip. from Best-Match

### WIND PROFILE BY ALTITUDE

Alt (m)	Pressure	Wind (km/h)	Gusts (km/h)	°	Temp °C	Hum.
989	900 hPa	1	9	270°	3.4	90 %
762	925 hPa	1	9	270°	4.9	90 %
540	950 hPa	1	9	270°	6.4	90 %
323	975 hPa	1	9	270°	7.7	90 %
111	1000 hPa	1	9	270°	9.1	90 %

Inversion	<b>None detected</b>		
Wind Shear	<b>2 km/h (-)</b>		
CAPE	<b>0 J/kg</b>	Cloud Base	<b>200 m AGL</b>
Thermal Start	<b>No thermals expected</b>		
Pressure Trend 3h	<b>-0.1 hPa (stable)</b>		

## CATEGORY C — HOURLY FORECAST (-3h / +5h)

Precip. from Best-Match

Time	Temp	Hum.	Wind	Gusts	Direction	Clouds	Vis.	Rain	Prob.
20:00	-3.2°	75%	9	28	SSO 150°	BKN 86%	35km	0.0	0%
19:00	-3.1°	93%	4	24	OSO 110°	OVC 100%	16km	0.1	0%
18:00	-3.0°	94%	5	18	SO 132°	OVC 100%	2km	0.2	20%
17:00	-2.1°	87%	9	15	SSO 159°	OVC 100%	22km	0.0	50%
16:00	-2.1°	87%	6	12	SSO 159°	OVC 100%	6km	0.5	75%
15:00	-2.4°	89%	1	7	W 270°	OVC 100%	2km	0.2	58%
14:00	-2.1°	73%	2	6	WNW 284°	OVC 100%	8km	0.0	38%
13:00	-2.3°	73%	2	6	NNW 333°	OVC 99%	5km	0.0	18%

## LOAD CALCULATION

Balloon	<b>Rpl — Kubicek BB45Z (4500 m³)</b>		
Outside Temp	<b>-2.4 °C</b>	QNH	<b>1015 hPa</b>
Launch Altitude	<b>255 m MSL</b>	Planned Alt Gain	<b>1000 m</b>
Planned Flight Duration	<b>1.5 h</b>		

### WEIGHT BREAKDOWN

Envelope **174 kg**  
 Burner **35 kg**  
 Pilot **80 kg**  
 Passengers **4 Pax = 320 kg**

Basket **70 kg**  
 Extra **20 kg**  
 Fuel **194 kg**

### FUEL CONSUMPTION

Adjusted **1.6 L/min**  
 Used **140 L**

Total **240 L**  
 Remaining **100 L**

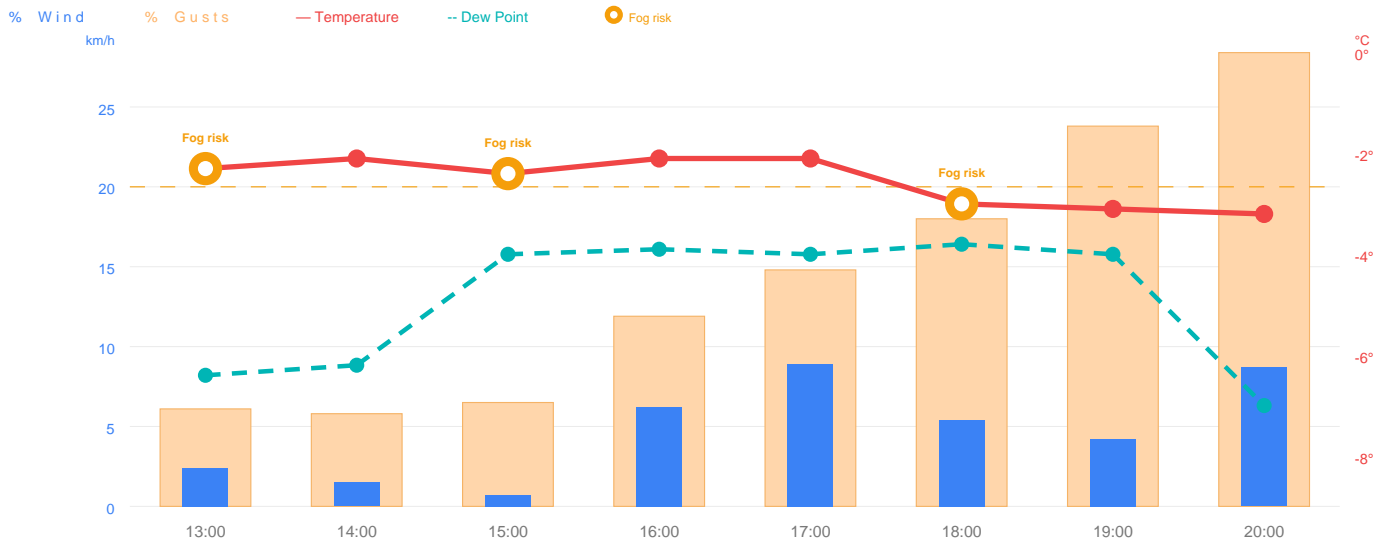
MTOW: 1520 kg

MLW: 670 kg | Landing Weight: 822 kg

**GO — Gross Lift: 1469 kg Total Weight: 893 kg**

## WEATHER CHARTS — OVERVIEW

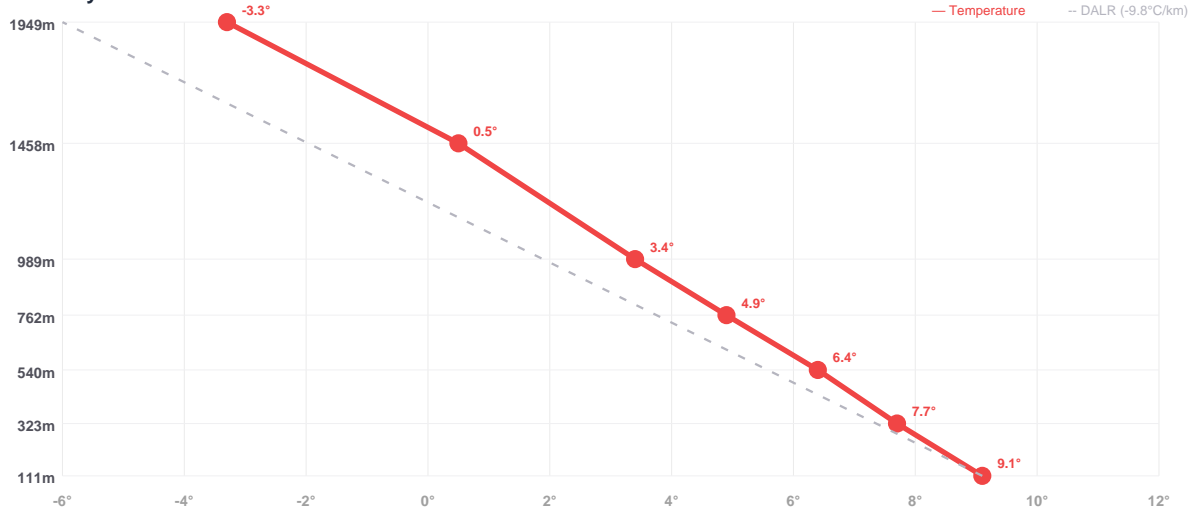
### Wind, Gusts, Temperature & Dew Point



### Altitude Wind Profile (current)

Altitude (m)	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00
1949m	○	○	○	↘	↘	↘	↘	↘
1458m	○	○	○	↘	↘	↘	○	↘
989m	○	○	○	↘	↘	↘	○	↘
762m	○	○	○	↘	↘	↘	○	↘
540m	○	○	○	↘	↘	↘	○	↘
323m	○	○	○	↘	↘	↘	○	↘
111m	○	○	○	↘	↘	↘	○	↘

### Temperature Profile by Altitude



### Precipitation & Clouds (%) (Precip. from Best-Match)

