

Report Layout Guidelines

	PDR	FDR
Report Language	English	
General Report Content	a) Cover Page b) List of Contents c) List of abbreviations and symbols d) Your text including pictures, charts and tables e) Attachments f) Bibliography	
Header	On each page except cover page: Left hand side: name of university, right hand side: team name.	
Footer	On each page except cover page: Left hand side: Date of submission, right hand side: page number/total number of pages on.	
Max no. of pages	<ul style="list-style-type: none"> • 10 with respect to d) above • 5 with respect to e) above 	<ul style="list-style-type: none"> • 25 with respect to d) above • 10 with respect to e) above
Cover page must state:	<ul style="list-style-type: none"> • Type of report (eg Preliminary Design Report) • Name and address of your university and model flying club if applicable • Team name • Name of team captain (first name, family name, eMail-Adress) • Names of team members (first name, family name, eMail-Adress) • Name of supervising faculty member • Date of submission 	
Paper Format	DIN A4 or letter (8.5" x 11"), portrait	
Font and font size	Text: 11pt, Arial, block formatted Heading: 13 pt, bold, Arial Sub-header: 12pt, underlined, Arial Header: 8pt, Arial Footer: 8pt, Arial	
Line spacing within text	single	
Line spacing between paragraphs	double	
Line spacing before and aft of headers	double	
Page margins	Top: 2,5 cm; Bottom: 2 cm, Left: 2,5 cm, Right: 2,5 cm	
Report to be submitted as:	PDF	

Reports Contents Requirements

Preliminary Design Report – PDR

The preliminary design phase ends when a refined feasible baseline design layout was identified. The PDR must contain a list of aircraft configurations looked at including their "pros" and "cons" with respect to the mission profile. Reasons must be given for the baseline design finally chosen. Rough estimates on weight, wing and thrust loading, c.g. calculations, performance, a preliminary wing and empennage design, a cost estimate and a project schedule. The report is supplemented by a 3-view drawing of the baseline design.

Final Design Report – FDR

The FDR contains a detailed description and detailed technical specifications of the aircraft including a performance computation that will be checked against the flight results. A proof is required, that the aircraft fulfils the flight requirements by using a compliance matrix based on detailed computations. The FDR also indicates the method of construction of the various parts of the aircraft and is supplemented by a 3-view drawing. Additionally, a chapter of the FDR must cover the team management and team performance aspects including difficulties encountered and solutions thereto.