



FL0ATING DRAGON PDR and CDR* Evaluation Criteria

PDR = 100 maximum points; CDR* = 120 maximum points

Criteria	Excellent	Very Good	Good	Fair	Poor	Missing	PDR Total	CDR Total
Description of how prototype system will accomplish required tasks (Max – 20 points)								
How well does the proposed concept align with challenge goals and objectives (i.e., safety, dropping the data with precision, cost-effective, simplicity, etc.)?	10	8	6	4	2	0		
How compelling is the proposed concept's goals and objectives?	10	8	6	4	2	0		
Description of team's Concept of Operations (CONOPS) (Max 20 points)								
Does the CONOPS account for all phases of balloon flight?	20	16	12	8	4	0		
Technical merit and feasibility of proposed plan (Max – 20 points)								
Does the technology provide a viable method of returning the payload to the ground on target?	20	16	12	8	4	0		
Project plan capability – degree to which team can accomplish tasks (Max – 20 points)								
Is the proposed implementation plan adequate and thorough?	10	8	6	4	2	0		
How viable is the schedule of activities?	10	8	6	4	2	0		
Compliance and Review (Max – 10 points)								
Has the team adhered to appropriate design constraints?	5	4	3	2	1	0		
Has the team submitted a package that has been thoroughly proof-read?	5	4	3	2	1	0		
Innovation (Max - 10 points)								
How innovative is the proposed solution?	5	4	3	2	1	0		
How well does the proposed technology advance the state of the art?	5	4	3	2	1	0		
*For CDR only (Max - 20 points)								
Are all the actions/recommendations from the PDR addressed?	20	16	12	8	4	0		
Total Score								

Assessment

Excellent	Criteria is fully met with exceptional merit, as documented by numerous or significant strengths and with no major weaknesses.
Very Good	Criteria is met w/high merit and little errors; strengths fully out-balance any weaknesses and none of those weaknesses constitute fatal flaws.
Good	Criteria is met with a credible response and a few errors; strengths and weaknesses essentially balance each other.
Fair	Criteria is only nominally met and significant errors are apparent; weaknesses outweigh any strengths.
Poor	Criteria is not met and /or has serious flaws; one or more weaknesses constitute fatal flaws.
Missing	No effort was made to meet criteria.

PDR Score

Total PDR Score: _____

CDR Score

Total CDR Score: _____