



BUILD REVIEW

For participation in the Formula Sun Grand Prix/American Solar Challenge

University Name				
Team Name				
Solar Car #				
Events & Year	☐ Formula Sun Grand			r) ear)
This documents the review of the solar vehicle by a practitioner or an academic in an engineering field appropriate for this application that the as-built vehicle is a sufficiently representative embodiment of the previously-reviewed design that meets the regulations for the Formula Sun Grand Prix/American Solar Challenge events. Per the event regulations, each university/team is responsible for the roadworthiness of its solar car. All				
solar vehicles must be maintained in a safe, roadworthy condition and be operated safely and within the law at all times. All solar vehicles are operated and driven at the team's own risk.				
Each university/team is responsible for the safety of its members, and any minimum criteria specified by the Organizers via the regulations and/or correspondence between the teams and the Organizers should not be construed as design specifications for the construction of a "safe" solar vehicle. In addition, passing this build review does not guarantee that the solar vehicle will pass scrutineering.				
Current event regulations are available at <u>americansolarchallenge.org</u> .				
Item Reviewed		Rev	iew	Comments
Does the vehicle that has been built align with the description and analysis included in the Mechanical Vehicle Design Report?		☐ Yes	□ No	
Based on a visual inspection, is the construction of the vehicle's chassis of sufficient quality and geometric accuracy to be consistent with the occupant space		□ Yes	□ No	

FSGP/ASC Build Review Page 1/3

 \square Yes

□ No

specifications justified in the Design

Based on a visual inspection, is the construction of the vehicle's **roll cage** of

to be consistent with the analysis presented in the Design Report?

sufficient quality and geometric accuracy

Report?

□ No					
□ No					
□ No					
□ No					
□ No					
□ No					
□ No					
□ No					
Event Participation					
□ No					
□ No					
Photos					
tached					

FSGP/ASC Build Review Page 2/3

BUILD REVIEW

For participation in the Formula Sun Grand Prix/American Solar Challenge

I have visually inspected the solar vehicle specified on page 1, its associated Mechanical Vehicle Design Report, and the applicable regulations.

- The solar vehicle has been constructed with sufficient quality to be adequately represented by the design report.
- The vehicle is compliant with the regulations.
- The vehicle is in a form sufficient (with at most minor modifications) to pass the inspections required for participation in the Formula Sun Grand Prix/American Solar Challenge.

Signature	
Printed Name	
Date (must be within 3 months of the start of the event)	
Title	
Phone Number	
Email Address	

*** THE ABOVE REVIEWER MUST BE AUTHORIZED BY EITHER
(1) THE TEAM ADVISOR IDENTIFIED ON THE TEAM PARTICIPATION AGREEMENT OR
(2) THE UNIVERSITY OFFICER THAT SIGNED THE TEAM PARTICIPATION AGREEMENT ***

I give authorization to the above person to complete this review on behalf of the university.

Signature	
Printed Name	
Date	
Title	
Phone Number	
Email Address	

Email a scanned copy of the completed document to ascteams@americansolarchallenge.org. Teams must bring the original document with them to present at onsite registration.

FSGP/ASC Build Review Page 3/3