

NFL Helmet Challenge Online Application

To submit an Application to the NFL Helmet Challenge, please fill out the information below and re-upload this worksheet as a PDF to the online application portal. Applications must be submitted during the period beginning on February 15, 2021 and ending on June 14, 2021 at 11:59:59 p.m. Eastern Standard Time.

I. Description of the Prototype

Please provide below an approximately one-page description of the prototype, with images, if available.

II. Submission Checklist

Ship the following items to 1627 Quail Run, Charlottesville, VA 22911 by July 14, 2021:

- One Helmet Prototype
- 7 faceguards with eye and oral protection
- 7 chin straps
- Associated faceguard and chinstrap attachment hardware
- Fitting and positioning instructions for the helmet. Include photos demonstrating how chinstrap should be routed. *Reference the Helmet Test Protocol for specific instructions on providing measurements for helmet positioning.*

Check that your submitted prototype satisfies the following criteria:

- Total helmet mass (including faceguard and retention system) does not exceed 2.2 kg
- Helmet length does not exceed 308 mm
- Faceguard standoff does not exceed 70 mm
- Top standoff is less than or equal to 82 mm

III. General Questions

Please type your answers to each question below.

1. Have you reviewed the full list of design constraints (found on page 5 of the official rules, available [here](#)) and confirmed that your helmet prototype meets all requirements?
2. Has this helmet design undergone prior standardized testing (e.g., NOCSAE drop testing, NOCSAE linear impactor testing, NOCSAE faceguard testing)? If so, please provide a description of the testing and results in your online submission.
3. Has this helmet design undergone testing that would indicate its ability to tolerate storage at a temperature range of 10°F to 120°F, repeated cleaning, exposure to sunlight, prolonged heating, sweat, or potentially corrosive environments? If so, please describe in your online submission.
4. Has this helmet design undergone any type of on-field testing or evaluation by football players? If so, please describe. Include any player feedback that may be useful information for the judging panel in your online submission.
5. In your online submission, please briefly describe any existing manufacturing infrastructure acquired, planned, or already in existence for your prototype that would expediate the mass

production of this product. Note: this is not a requirement for the Helmet Challenge, but is useful information for the judging panel.

IV. Intellectual Property

Please indicate whether each part is a novel design (i.e. not patented, manufactured, or owned by a party outside of your design team), or if permission has been acquired to use the part. Note that per the Official Rules, your Prototype may not infringe any third-party rights related to the use of a helmet shell or liner not produced by the Participant. Separately sold components such as visors, chin guards or face masks are excluded, but the answers provided below will be used for informational purposes by the judging panel.

Helmet Part	Is this a novel design?	If no, list the Intellectual Property Owner or manufacturer	Have you acquired permission to use this part?
Shell	Yes No N/A		Yes No N/A
Internal Components	Yes No N/A		Yes No N/A
Faceguard	Yes No N/A		Yes No N/A
Chin strap	Yes No N/A		Yes No N/A
Other	Yes No N/A		Yes No N/A