



**DISC STANDARDS WORKING GROUP**  
USA Ultimate Approved Disc Process

USA Ultimate Procedure DSWG-003 "Flight Test Pool & Testing Criteria for U-12 Discs"

- 1.0 Scope** – This document describes the composition of the Flight Test Pool and the survey questions the UPA uses to determine if a disc is designated as a "USA Ultimate Approved Disc for U-12 Play". See "DSWG-001" "USA Ultimate Disc Approval Process" for additional details.
- 2.0 General Guidance** – A USA Ultimate Approved Disc for U-12 Play is defined as "Good enough for use by U-12 ultimate players". This means that the disc is good enough for U-12 Play in league, tournament play, or for USA Ultimate U-12 member's general use. The leagues and tournneys may or may not be USA Ultimate affiliated. A candidate disc should be evaluated based on its acceptability for use by U-12 Players defined as 11 years old and under, and does not imply that the disc will be used within the USA Ultimate Series at the Club, College or Youth competitive levels.
- 3.0 Flight Test Pool** – The Flight Test Pool (FTP) will be made up of at least 10 adults (over the age of 18)
  - 3.1** Each adult will have regular contact with at least 5 disc throwers age 11 and under (throwers)
  - 3.2** The FTP will include at least one representative from each of the current youth geographic regions
  - 3.3** At least 3 members will be coaches of practicing U-12 teams
  - 3.4** At least 2 members will be PE teachers
  - 3.5** At least 2 members will be in contact with youth who are new to disc sports



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**3.0 Technical Specifications** – The following technical specifications apply.

**3.1 Measurements:**

3.1.1 – Weight – 145g (+/- 3g), after printing with Candidate Disc Design \*

3.1.2 – Diameter – 249mm (+/- 5mm) \*

3.1.3 – Height – 33mm (+/- 2mm) \*

\*Reference drawing number DSWG003-01).

**3.2 Printing** – Test discs must be submitted using the USA Ultimate “Candidate Disc” design. Each different printing method must be approved separately, and only discs and printing methods that have been approved together will be designated as USA Ultimate Approved.

**3.3 Exceptions** – If a disc manufacturer wants to submit a disc outside of the proposed ranges, it must submit a formal exception request to the Disc Standards Working Group (DSWG) outlining the nature of the exception and the rationale for why the exception should be granted. The DSWG is under no obligation to grant such exception requests.

**4.0 Survey Questions** – USA Ultimate will survey the members of the Flight Test Pool (FTP) and record the results for each disc submitted for review. FTP members will record the Temperature, Altitude, and Wind speed for a given test. The experience and hand sizes of the FTP members are also queried by the survey. In order to build a knowledge base, candidate discs are rated with respect to hardness, catchability, grip, and flight characteristics. The critical survey questions are:

4.1 How would you rate the disc overall (where 5 is excellent and 1 is poor)?

4.2 Is this disc good enough for (check all that apply):

4.2.1 – Use by youth ultimate players under the age of 12

4.2.2 - None of the above



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**5.0 Selection Criteria**

5.1 USA Ultimate Approved discs will meet the following minimum requirements

5.1.1 - 6 total FTP participants per review

5.1.2 - Approval will require a score of greater than 50% "yes" for question 4.2.1.