



DISC STANDARDS WORKING GROUP
USA Ultimate Approved Disc Process

USA Ultimate Procedure DSWG-002 "Flight Test Pool Testing Criteria"

1.0 Scope – This document describes the selection criteria and lists the survey questions USA Ultimate uses to determine if a disc is designated as a "USA Ultimate Approved Disc" or a "USA Ultimate Championship Approved Disc". See "DSWG-001" "USA Ultimate Disc Approval Process" for additional details.

2.0 General Guidance – There are two levels of approval outlined in this document.

2.1 General Approval - A USA Ultimate Approved Disc is defined as "Good enough for use by ultimate players (leaguers, competitors at tournaments, USA Ultimate members)." This means that the disc is good enough for league, non-championship tournament play, and for USA Ultimate member's general use. The leagues and tournaments may or may not be USA Ultimate affiliated. A candidate disc should be evaluated based on its acceptability for use by ultimate players at the league and/or basic competitive level, and does not imply that the disc will be used within the USA Ultimate Season at the Club, College or Youth levels.

2.2 Championship Approval - A USA Ultimate Approved Championship Disc is defined as "Good enough for use in high level ultimate competition." This means that the disc is good enough for play in USA Ultimate championships events and associated qualifying events.

A candidate disc should be evaluated based on its acceptability for use by ultimate players at the highest levels of USA Ultimate competition. Championship approval means that a disc has met the highest approval standard and is eligible to be used in USA Ultimate championship competitions. However, this does not imply that the disc will be used within the USA Ultimate Season at the Club, College or Youth levels. Determination of disc(s) to be used in official USA Ultimate competitions will be based on licensing and sponsorship agreements separate from the disc approval process.



DISC STANDARDS WORKING GROUP
USA Ultimate Approved Disc Process

3.0 Technical Specifications – The following technical specifications apply to both the “General” and “Championship” approval process.

3.1 Measurements:

3.1.1 – Weight – The production weight of the disc must be 175g (+/- 3g), after printing with Candidate Disc design (see 3.2).

3.1.2 – Diameter – 274mm (+/- 3mm) (see drawing number DSWG002-1).

3.1.3 – Height – 32mm (+/- 2mm) (see drawing number DSWG002-1).

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)?



DISC STANDARDS WORKING GROUP
USA Ultimate Approved Disc Process

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

4.2.1 – Use by ultimate players (e.g., league players, competitors at tournaments, USA Ultimate members)

4.2.2 - Use in high level ultimate competition (e.g., competitive tournaments, USA Ultimate Championship Series events)

4.2.3 None of the above

5.0 Selection Criteria

5.1 USA Ultimate Approved discs will meet the following minimum requirements

5.1.1 – 35 total FTP participants per review.

5.1.2 – 15 female and 15 male FTP participants per review.

5.2 General Approval will require scores of greater than 50% “yes” for question 4.2.1.

5.3 Championship Approval will require scores of greater than 50% “Yes” for questions 4.2.2.

5.4 In the event that no disc meets requirements of 4.2.1 (General) and/or 4.2.2 (Championship), the Disc Standards Working Group will select the highest-rated disc for each category.