



Policy and Procedures

Section: 227

Subject: National Point Series Championship (NPSC)

Date: 26 April 2025

Revision: 6

227.1 General

The purpose of this section is to outline the policies and procedures for the Leo Loudenslager National Point Series Championship. This series will be independent of the other Championships awarded by the IAC.

227.2 Program Administration

227.2.1 The National Championship Series results will be automatically calculated by the IAC Contest Database system (IAC-CDB) which is overseen by the Technical Committee. Until such time as the IAC-CDB capability is added to support this series, results will be calculated by an IAC member appointed by the IAC Board of Directors based on data captured in the IAC-CDB.

227.2.2 Regions

227.2.2.1 Regions in this series are those Regions represented by a director except for "International". The Regions are depicted in P&P 226.2.2.

227.2.3 Championship Procedures

227.2.3.1 The Region in which a Contests scores are included, will be based upon the location of the contest. The U.S. National Aerobatic Championships will be counted in the region in which the U.S. Nationals Championships are held.

227.2.3.2 The annual series consists of three (3) contests from three (3) different IAC regions. As a National series, competitors must compete in three (3) different regions and may only count 1 contest per region. Competitors may compete in as many contests as they choose in as many regions as they choose.

227.2.3.3 Championship points will be awarded at each regional contest using a "percent rank exclusion" method, defined as:

$$\text{Points} = 1 - (\text{Rank} * (1 / (\text{Number of Competitors} + 1)))$$

This formula returns the relative rank of a value in a data set as a percentage representing how many values are less than or equal to the value. Percentile ranking is commonly used to interpret standing in standardized tests. This method minimizes the effects of regional judging differences, contest size differences, use of boundary judges or not, etc.

A competitor earns championship points equal to the Percent Rank Exclusion for his/her category and contest. Non-qualified pilots, defined as having flown in a higher category within the past two calendar years, or flying HC, are removed before calculating the Percentile Rank. If more than one contest is flown by a competitor in a region, the highest



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championship points in that region will be used. The competitor's final championship point series result is the sum of points for the best three (3) regions. This format enables competitors to improve their score by attending more contests and should encourage more participation at regional contests.

227.2.3.4 Point Series Championship Contest Requirements

Pilots flying as HC at a contest do not qualify as a competitor for the purpose of the NPSC.

227.2.3.5 Non-US citizens are eligible to compete and win in the National Point Series Championship. A competitor must be an IAC member and a member of at least one Chapter in the region for which they declare as their home region. A pilot that has moved down from a higher category must wait 2 years before being eligible to participate in the National Point Series Championship in a lower category.

227.2.3.6 Point Series Championship competitors will be ranked by the sum of championship points from their best 3 qualifying contests.

Awards and recognition will be provided to winners in all categories meeting the series requirements per 227.2.3.

Point series winners will be determined at the end of the contest season, after the last point series contest has been concluded. Results will be announced in the next relevant issue of *Sport Aerobatics* magazine.

- The winner of each category will have his/her name engraved on the permanent "Leo" (Leo Loudenslager) US National Point Series Championship trophy which will be on display at the IAC pavilion in Oshkosh. Up to five names will be added each competition year, one per category.
- The IAC will award individual 1st place trophies in Primary, Sportsman, Intermediate, Advanced and Unlimited.
- The IAC will award 1st, 2nd, and 3rd place titles and stickers in Primary, Sportsman, Intermediate, Advanced and Unlimited. (A Primary competitor may only win the National Point Series Championship one time.)