



NSRCA Sequence Development Committee Charter

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Approvals:

Title	Signature	Date
NSRCA BoD	NSRCA BoD	09/27/2012



REVISION HISTORY

Version	Date	Author	Description
1.0	07/30/2012	Jonathan L. Carter	Separate out the Committee Charter and details from the Sequence Development Guide per BoD request.
1.1	08/08/2012	Jonathan L. Carter	Incorporate some edits from BoD.



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1 Purpose

This document establishes the charter and the intended composition of the NSRCA Sequence Development Committee. This Committee on an every two year basis is formed by the NSRCA and is charged with the design, development, testing, and approval process for the Academy of Model Aeronautics (AMA) R/C Precision Aerobatic sequences.

2 Sequence Development Committee Charter

2.1 Committee Purpose

The NSRCA Sequence Development Committee (Committee) oversees the development and testing of a brand new sequence (or sequences), or manages the potential changes to a sequence at the request of the NSRCA Board of Directors (BoD) using established standards and guidelines.

2.2 Type of Committee and Program Area

This is a standing Committee that is in place for the duration of the sequence development / change process.

2.3 Membership

There should be at least six Committee members excluding the Chairperson and should, if possible, contain at least one member who is currently competing in each of the AMA classes. There should be representation from as many NSRCA districts as possible on the committee. Non pilots and non NSRCA members may be committee members, provided that their qualifications meet the approval of the Chairperson and the BoD. The Committee shall contain at least one current member of the BoD. All members of the Committee are voting members.

2.4 Chairperson

The Committee Chairperson shall be appointed by the NSRCA President and approved by the BoD. The Chairperson will serve for a term of two years and can only serve as Chairperson for two consecutive terms. After their term has completed they can remain a member of the Committee provided that it meets the approval of the new Chairperson and the BoD. A Vice Chairperson may, or may not, be selected by the Chairperson and the BoD. This is not a requirement but it will build on leadership continuity in the event the Chairperson is unable to fulfill his/her duties.

2.5 Activities, Duties and Responsibilities

Committee members should seek out input from other pilots in order to contribute valid suggestions to proposed changes/sequences for all classes which conform to the criteria established in the NSRCA Pattern Sequence Development Procedures and Guidelines document so that each class will maintain the desired balance between a pilot's entrance capability, and the desired nominal exit proficiency to be gained in preparation for moving to the next higher class. The criteria shall also provide for considerations whereby additional circumstances may influence the difficulty, or complexity of the maneuvers in each class. This shall consist of, but not be limited

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to, flying area requirements, multiple flight stations, aircraft and equipment costs, engine performance, ability to enhance and improve the ease and consistency of judging, participant and spectator safety, and consideration for other similar influences that may arise.

2.5.1 Standard Committee Procedures

- The NSRCA President shall be the primary point of contact for communications between the Committee Chairperson and the Board on all matters of directive nature, and for deliverables from the Committee.
- The Chairperson will select members for his/her committee and propose a team to the BoD.
- The BoD will review the Committee for national (District) balance and representation across Intermediate through Masters Classes and, if necessary, provide recommendations on the Committee members to the Chairperson. The BoD will then vote to accept or reject the proposed Committee members.
- The Chairperson and Committee members agree to work as a team and reach a consensus on the Committee’s proposals. They agree to support the Committee’s proposal and not submit separate proposals on these sequences to the BoD.
- The Committee shall perform their tasks within the schedule of milestones as defined by the BoD.
- The Committee will produce proposed changes to sequences based on input from the membership and their experience. The sequences will be published in the K Factor and on the NSRCA website for review.
- The Committee will coordinate with the Rules/Judging Committee Chairperson to produce the final proposals, with supporting rationale, to be approved by the BoD.
- Sequences for Sportsman, Intermediate, Advanced and Masters Class will be developed for presentation to and review by the precision aerobatics community on the NSRCA website. New sequences may not necessarily be presented for all classes.

3 Approval Process

Each new sequence, or change to a sequence, shall be submitted to the General Membership and public for their review. The BoD shall approve publication of sequences on the NSRCA website for membership/public review and comment. The committee shall update their proposed sequences/changes, if required, and submit it in final form to the BoD. The BoD shall designate the Committee to prepare any inputs necessary to support the sequence changes. Recommended changes to the maneuver descriptions and judging criteria shall be coordinated with the NSRCA Rules Committee (if necessary). Any changes to the Sequence Development Guide will be made by the Committee Chairperson and submitted to the BoD for approval. Once a final set of sequences is approved by the BoD it shall be published in the K-Factor and posted on the NSRCA website.



4 Sequence Submittal Process

The following is the recommended timeline for the development and submission of new sequences. Sequence development should always start in two years prior to when the sequence is to be replaced. For example, if the Masters sequence (2 year lifecycle) is to be replaced in 2015 (X) then work on the development of a new sequence should start in 2013 (X – 2). What follows is a timeline showing the activity (task) and the month the activity should start:

TASK	TIMELINE
Assign and approve Committee Chairperson	October - year X – 2
Committee Chairperson recruits Committee Membership	October – year X - 2
BoD approves Committee Membership	November – year X - 2
Establish development schedule	December – year X - 2
Review design criteria/receive BoD approval for changes	December – year X - 2
Develop preliminary changes/sequences and flight test	January through March – year X - 1
Publish for public comment on NSRCA website/K-Factor	April through May – year X - 1
Finalize changes/sequence selection based on comments	June through August – year X - 1
Submit proposed changes/sequences to BoD for approval	October– year X - 1
Publish approved sequences on NSRCA website/K-Factor	November – year X -1
New sequences in use	January – year X

5 Submittal Documentation

Submittal documentation, as a minimum, shall include:

- Sequence listing
- Sequence Aresti diagrams
- Written maneuver descriptions and optionally suggested judging downgrades which should be developed in agreement with the Judging Committee