

# Senior Pattern Association

2001



# HISTORY OF THE SENIOR PATTERN ASSOCIATION

Mickey Walker founded the Senior Pattern Association in March 1991.

The original concept was to provide a relatively inexpensive and uncomplicated competition pattern with simple rules and fly model airplanes designed and flown prior to 1976.

This concept has proven to be very popular and the Senior Pattern Association now has a fairly large National membership made up of local flying clubs and individuals who are dedicated to the building, flying and competition of vintage pattern aircraft.

**The  
Senior Pattern Association  
Simply Better!**

WEB SITE - <http://www.rcpattern.net/spa/spa.asp>  
MAIL LIST - [spa@rcpattern.net](mailto:spa@rcpattern.net)

# **SPA RULES FOR COMPETITION**

## **Effective January 1, 1998**

### **1. Age Groups**

There will be three age groups of contestants who will fly the pattern listed:

- a. Forty-five years old to sixty-four years old SENIOR PATTERN, either Sportsman or Expert.
- b. Sixty-five years old and up SUPER SENIOR PATTERN, either Sportsman or Expert.
- c. Up to forty-five years old - PRE-SENIOR, either Sportsman or Expert

### **2. Aircraft**

- a. Any model designed and flown before January 1, 1976 is legal.
- b. Aircraft must be built the same as the plans +/- 3 % variation.
- c. Retractable landing gear is not legal. Flaps may be used only if on the original plans.
- d. The contestant is responsible to furnish documentation for any model not on the Legal Airplane List. The president can provide the member with Legal Airplane information.

### **3. Engines**

- a. Any side exhaust two cycle engine up to .61 cubic inches is legal.
- b. Four-cycle engines up to .91 cubic inches with no air chamber or super charging of any kind are legal.
- c. A proper muffler must be used but tuned pipes are not legal.

### **4. Radios**

- a. Any radio currently approved by the AMA may be used.

### **5. Antique Class**

- a. Side exhaust two cycle engine up to .61 cubic inches is legal.
- b. Four-cycle engines up to .71 cubic inches with no air chamber or super charging of any kind are legal.
- c. Airplanes must have been designed and flown before January 1, 1965.

### **6. Novice Class**

- a. All age groups combined.
- b. Any airplane or engine is legal for this class.

### **7. CONTEST DIRECTORS**

Contest Directors shall authorize all contest operations including which classes will be flown.. These decisions should be announced in their Contest Mailers and sent to all members invited to their contest. This should be done in a timely manner. Other rules may be changed for Safety Reasons. Patterns shall be flown as listed if the event is part of the contest.

### **8. MEMBERSHIP RULES**

All Contestants Must be an SPA Member or become one with the exception of the NOVICE CLASS

# SPA Patterns for 2001 & 2002

## EXPERT

## K-Factor

1. TAKEOFF (U) (DOWNWIND TRIM PASS)	1
2. SQUARE VERTICAL 8 (U)	4
3. THREE AXIAL ROLLS (D)	3
4. THREE INSIDE LOOPS (U)	3
5. FOUR POINT ROLL (D)	4
6. 3 REVERSE OUTSIDE LOOPS (U)	4
7. 8 POINT ROLL (D)	4
8. TOP HAT (U)	3
9. SLOW ROLL (D)	3
10. DOUBLE IMMELMAN (U)	2
11. REVERSE CUBAN EIGHT (D)	2
12. 3 TURN INVERTED SPIN (U) (FLY BY FOR LANDING)	3
13. LANDING PERFECTION (U)	2

**Note: No Fly-Bys Allowed. Maneuvers flown out of sequence shall be scored zero (0).**

## SPORTSMAN

1. TAKEOFF (U) (DOWNWIND TRIM PASS)	1
2. DOUBLE STALL TURN (U)	3
3. 3 AXIAL ROLLS (D)	3
4. 3 INSIDE LOOPS (U)	3
5. SLOW ROLL (D)	3
6. IMMELMAN TURN (U)	2
7. CUBAN EIGHT (U)	2
8. HORIZONTAL 8	3
9. 1 REVERSE OUTSIDE LOOP (U)	3
10. SHORT INVERTED FLIGHT (D)	2
11. 3 TURN SPIN (U) (TURN AND FLY BY FOR LANDING)	3
12. LANDING PERFECTION (U)	2

**Note: No Fly-Bys Allowed. Maneuvers flown out of sequence shall be scored zero (0).**

# SPA Patterns for 2001 & 2002

## NOVICE

## K-Factor

- |                                        |   |
|----------------------------------------|---|
| 1. TAKEOFF (U)<br>(DOWNWIND TRIM PASS) | 1 |
| 2. STRAIGHT FLIGHT OUT (U)             | 1 |
| 3. PROCEDURE TURN (U)                  | 2 |
| 4. STRAIGHT RETURN FLIGHT (D)          | 1 |
| 5. 3 INSIDE LOOPS (U)                  | 3 |
| 6. ONE AXIAL ROLL (D)                  | 2 |
| 7. IMMELMAN TURN (U)                   | 2 |
| 8. STALL TURN (U)                      | 2 |
| 9. TRAFFIC PATTERN APPROACH (U)        | 1 |
| 10. LANDING PERFECTION (U)             | 2 |

**Note: No Fly-Bys Allowed. Maneuvers flown out of sequence shall be scored zero (0).**

## ANTIQUA EXPERT

- |                                                      |   |
|------------------------------------------------------|---|
| 1. TAKEOFF (U)<br>(DOWNWIND TRIM PASS)               | 1 |
| 2. DOUBLE STALL TURN (U)                             | 3 |
| 3. THREE AXIAL ROLLS (D)                             | 3 |
| 4. TOUCH & GO (U)                                    | 2 |
| 5. CUBAN EIGHT (D)                                   | 2 |
| 6. DOUBLE IMMELMAN (U)                               | 2 |
| 7. FOUR POINT ROLL (D)                               | 4 |
| 8. THREE INSIDE LOOPS (U)                            | 3 |
| 9. SLOW ROLL (D)                                     | 3 |
| 10. VERTICAL EIGHT (U)                               | 3 |
| 11. THREE OUTSIDE LOOPS (D)                          | 3 |
| 12. 3 TURN SPIN (U)<br>(TURN AND FLY BY FOR LANDING) | 3 |
| 13. LANDING PERFECTION (U)                           | 2 |

**Note: No Fly-Bys Allowed. Maneuvers flown out of sequence shall be scored zero (0).**

# SPA Patterns for 2001 & 2002

## ANTIQUÉ SPORTSMAN

## K-FACTOR

1. TAKEOFF (U) (DOWNWIND TRIM PASS)	1
2. STRAIGHT FLIGHT OUT (U)	1
3. PROCEDURE TURN (U)	2
4. STRAIGHT FLIGHT BACK (D)	1
5. FIGURE EIGHT (D)	3
6. 3 INSIDE LOOPS (U)	3
7. 3 AXIAL ROLLS (D)	3
8. IMMELMAN TURN (U)	2
9. STALL TURN (U)	2
10. TRAFFIC PATTERN (U)	1
11. LANDING PERFECTION (U)	2
12. SPOT LANDING	

**Note: No Fly-Bys Allowed. Maneuvers flown out of sequence shall be scored zero (0).**

## LEGAL AIRPLANE LIST 1965 THRU 1975

**A-6 INTRUDER**  
**(Kirkland)**  
**A-6 INTRUDER**  
**(Airborne Models)**  
**ACCUSTAR**  
**ATLAS**  
**AVANTI**  
**AVENGER**  
**BANSHEE**  
**BELLAIRE**  
**BLUE ANGEL**  
**CAJUN QUEEN**  
**CALIFORNIAN**  
**CHECKMATE II**  
**COMPENSATOR**  
**CONTENDER**  
**CRUSADER**  
**CURARE**  
**CUTLASS**  
**DADDY RABBIT I**  
**THRU IX**  
**DIRTY BIRDY**  
**DON JUAN II**  
**DRAGIN FLY**  
**EIGHT BALL**  
**EL GRINGO**  
**EPITOME**  
**EQUALIZER (Curtis**  
**Motes)**  
**EYEBALL**  
**FANTASY (Small)**  
**FIREBIRD**  
**FIRE FLY**  
**FLEA FLY**  
**GLADIATOR**  
**HI-LO**  
**HOT PANTS**  
**HUMMING BIRD**  
**INVICTUS II**  
**KAOS**  
**KAOS (Direct**  
**Connection)**  
**KILLER KAOS**  
**KWIK FLY I THRU IV**

**KWIK FLY TAPER**  
**WING**  
**LANIER**  
**ALL ARF**  
**LECTRA**  
**LIBERY BELL**  
**L'OISEAU**  
**MACH I&II**  
**MAGIC DRAGON**  
**MAGNUM 600**  
**MISS FLORIDA**  
**MORRIS HF**  
**MR. ED**  
**MR. SLICK**  
**MURA**  
**NEW ORLEANEAN**  
**NUCLEON**  
**NUTCRACKER**  
**OMEN**  
**PANTERA**  
**PEGASUS**  
**PHANTOM I**  
**PHOENIX I THRU**  
**VIII**  
**PINK PANTHER**  
**PUFFIN II**  
**QUACK FLY**  
**RAMPAGE**  
**RCM EXPERT**  
**RETARDED**  
**SEQUEL**  
**SKEETER**  
**SO-LO**  
**SPEAR**  
**STARFIRE**  
**STAR TREK**  
**SUN FLY (ALL)**  
**SUPERFECTION**  
**SUPER DUCK**  
**SUPER FLY**  
**SUPER KAOS**  
**SUPER SKEETER**  
**SWEEPER**  
**SWEETATER**

**T2A (Mk I only)**  
**T-BIRD**  
**TEXAN**  
**TEXAS TWISTER**  
**THREE PERFECTION**  
**TIGRE NUT**  
**TIGER TAIL**  
**TRITON**  
**TRIGON**  
**TRION**  
**TRIPLE TROUBLE**  
**TROUBLE MAKER**  
**TWISTER (RCM)**  
**UNDONE II**  
**UTOPIA**  
**UTTER KAOS**  
**VIRGINIAN**  
**VULCAN**  
**WARLOCK**

## ANTIQUÉ LEGAL AIRPLANE LIST PRIOR TO 1965

AERO MASTER  
(BIPE)  
ALLEGRO  
ALTAIR  
AMANUSA  
AMBASSADOR  
APPOLLO  
ARISTO CAT  
ASTRO HOG  
BEACHCOMBER  
BELL P-39  
BELL P-63  
BARFLY  
BI-FLY (BIPE)  
BOLERO (BIPE)  
CANDY  
CHALLENGER  
CITATION  
COPY CAT  
CRUSADER  
DEADBEAT  
DUSTER (BIPE)  
EXPRESSO  
F-9 (RCM)  
F-10 (RCM)  
FALCON 56  
FALCON SENIOR  
FLAT TOP STORMER  
FORERUNNER  
HAMMERHEAD  
INTERCEPTOR  
JAVELIN  
JENNY  
JETFIRE  
JUBILEE  
KWIK FLY I & II  
KWIK FLY ARF  
(Hobby Shack)  
MISBEHAVING  
MISFIRE  
MOODY

NEATNIK  
NORSEMAN  
OKIE  
ORION  
PAILLIE  
PATRIOT  
PATTERN MASTER  
(DeBolt)  
PEGUSES  
PERIGEE  
PHANTOM  
PIPE DREAM  
PURSUIT  
QUALIFIER  
RADIANT  
RAIDER  
RESISTOR  
SABRE HAWK  
SAFIRE  
SCORPIO  
SKY DANCER  
SKY GHOST  
SKYLARK  
SMOG HOG  
SONIC CRUISER  
SORACO  
SOURCER  
STORMER  
STRATURS  
SULTAN  
SWEEPER  
TAURUS  
TAURI  
TRASHIE  
TORERO  
UGLY STICK  
(All Same Size as Original)  
UPLIFT  
VISCOUNT  
VISCOUNT TWIN

VIPER  
VOLTS WAGON  
X-2  
YANKEE  
ZEUS  
ZIPPY

# SENIOR PATTERN ASSOCIATION MEMBERSHIP APPLICATION

NAME \_\_\_\_\_ DATE OF BIRTH \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

CITY, STATE, ZIP \_\_\_\_\_

CURRENT RC CLUB AFFILIATION \_\_\_\_\_

E-MAIL ADDRESS \_\_\_\_\_

AMA # \_\_\_\_\_

## GENERAL INFORMATION

ALL MEMBERS MUST HAVE A CURRENT LICENSE WITH THE ACADEMY OF  
MODEL AERONAUTICS.

MEMBERSHIP DUES: \$20.00

MAKE CHECKS PAYABLE TO: SENIOR PATTERN ASSOCIATION

MAIL TO: Steve Byrum, 1326 3<sup>rd</sup> St SE, Cullman, AL 35055

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