

# 1 - General regulations

## 1.1 About ACES

Air Combat Elementary Support (ACES) is an international contact-network for R/C-pilots interested in R/C Air Combat. The organisation is democratic and non-profit. Elections are made through voting, by concerned members.

### 1.1.1 Membership

Every person that is interested in R/C Air Combat may become a member of ACES. A member may be suspended if he abuses the ACES regulations, after several warnings from the ACES administrators. To become a member of ACES, contact your national contact.

### 1.1.2 Economy

Every country within ACES covers its own expenses. This includes all administration posts as IC, NC etc.

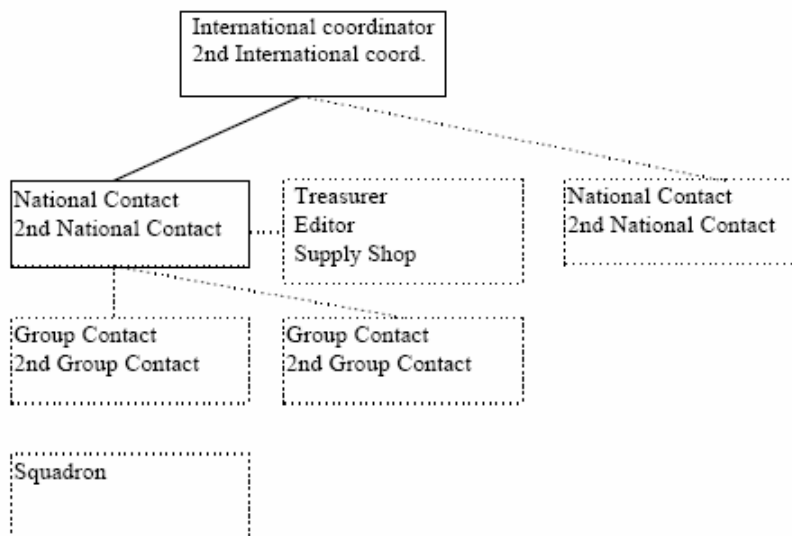
### 1.1.3 Language

The official language in ACES is English.

### 1.1.4 Copyright

The copyright of the ACES-regulations and of the R/C Air Combat rules belong to all members of ACES.

## 1.2 ACES network



The ACES network is built up by several contacts. Contacts operate at different levels, according to the following figure (Dotted boxes are optional):

### 1.2.1 International Coordinator

The 1. International Coordinator (1.IC) should coordinate ACES across the different countries. He should keep contact between countries, distribute international rules, and arrange international voting. He should also decide in conflicts concerning interpretation of international rules and regulations.

The IC is elected every two years by all members of ACES. At the request of any ACES nation, an annual voting on the 1.IC may be performed.

The 2. IC will be elected every two years by all members of ACES, but not in the same year than the 1.IC, to provide continuity.

The IC appoints also new NC's in new nations within ACES.

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### **1.2.2 National Contact**

The *National Contact* (NC) should co-ordinate ACES in his own country. He should distribute rules to the national members, arrange national voting and see to that the national ACES works smoothly. He should also decide in conflicts concerning interpretation of national rules and regulations. The NC is responsible for the national Air Combat Cup. The NC is elected every year, by the national members of ACES. The NC appoints his assistant, the *2nd NC*. He also appoints the *national treasurer* (if any), the *national newsletter-editor* (if any), and the person responsible for the *national supply shop* (if any). He also appoints GCs in new groups. If ACES within a country becomes big, the National Contact can decide to divide it into two or more *Groups*. The *Group Contact* (GC) should co-ordinate ACES in his group (if any). The GC is responsible for the national Air Combat Cup in his part of the country. The GC is elected every year, by the members of his group. The GC appoints his assistant, the *2nd GC*.

### **1.2.3 Group Contact**

If ACES within a country becomes big, the National Contact can decide to divide it into two or more *Groups*. The *Group Contact* (GC) should co-ordinate ACES in his group (if any). The GC is responsible for the national Air Combat Cup in his part of the country. The GC is elected every year, by the members of his group. The GC appoints his assistant, the *2nd GC*.

### **1.2.4 Squadron**

A group of four or more members of ACES may form a *Squadron* (*Sqn*). The Squadron has no organisational role.

## **1.3 Rules, voting and elections**

Air Combat rules are decided and distributed by ACES. Rules change according to voting.

### **1.3.1 Proposals for rule change**

Every member can propose for rule change. A proposal is not considered, unless it has three named supporters, that are all members of ACES. A proposal is made to the NC and to the national vote. A proposal should be written in English, and be ready to be distributed to the other countries within ACES.

### **1.3.2 Vote and elections**

Every second year an international vote is made, to decide on proposals for rules change and to elect the administration posts within ACES (IC, NC, GC). Only countries that has had at least one sanctioned contest during the year, may participate in the international vote. The year before the international vote, a national vote is held. The national vote is held every second year, in years where no international vote is held. The proposals which get majority in the national vote and any candidate-names for the post as IC, are sent by the NC to the IC. In the international vote the IC then sends out all proposals for rules change, and candidate names for the post as IC, to all of the NCs. The NCs then arrange a vote for its national members, and collect their votes. The NCs then send their collected votes to the IC, who determines which proposals and candidate IC got majority. In the national vote the NCs determine which candidate NC, and which candidate GCs, got majority.

### **1.3.3 Count of votes**

Every given vote counts as one vote in the international vote. If a

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tie should occur, the result is judged as not in favor of the proposal.

#### **1.3.4 Distribution of rules**

After the annual vote, the IC writes a new English set of rules, and distributes it to the NCs. The new set of rules is not used until one year after it was written. This means a vote held in year X, has an impact on rules of year X+2. The new regulations are used the next year however, meaning it is used in year X+1 according to the example above. The NC may either translate the new rules into his national language, or keep the rules in English. He should distribute the new rules to the national members.

#### **1.3.5 International and national rules**

Every country has a veto on rules, in such way that they may change their national rules according to national voting for rules change. Rules may also vary across different nations due to safety-concerns. At international competitions, the international rules are used.

#### **1.3.6 Extra vote and elections**

The IC may call for an extra vote if the IC finds it necessary due to special situations. In case an elected candidate does not fulfil his duties, the higher administrator within ACES may call for a new election to the post. The higher administrator may also appoint a new administrator to take care of the post until the election can be made.

### **1.4 Air Combat Cup**

Competitions within any region, each year, may be gathered in a cup. Competitions within the cup must have been announced to the members of ACES within the region at least one month before the competition is due.

#### **1.4.1 Scoring in a cup**

The total cup-score of a pilot is counted as the sum of the X best rounds flown by the pilot, in the contests that are part of the cup. The number X is decided on a per cup-basis.

#### **1.4.2 Competition**

As *competition* counts any organised competition held according to the national or international Air Combat rules, with at least two competitors. The competition must also have been sanctioned by the National Contact.

#### **1.4.3 Championships**

As a national championship counts one single contest held at most once a year in a country. As an international championship counts a contest that covers several countries at most once a year in a specified area, and this contest must have contestants from at least two of the different countries.

#### **1.4.4 Competition points**

The total score of the competitor counts as his result from the competition.

## **2 - Optional regulations**

### **2.1 About optional regulations**

These rules are optional, which means that any one member of ACES may or may not wish to use all or part of these regulations. Within these rules are some military insignias, such as ranks, order ribbons etc. Remember that these insignias are just a

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decoration, and by no means gives the bearer the right to command any other member of ACES.

### **2.1.1 National Supply shop**

The decorations and awards mentioned here can be sold by the national ACES supply shop. Different countries may have different decorations, and may choose not to use some of the decorations.

## **2.2 General definitions**

### **2.2.1 Sortie**

Having flown a *Sortie* counts as having received at least one whole (1.0) flight-time point in a competition flight.

### **2.2.2 Kill**

A *kill* is defined as the result when two or more A/C collide during a fight. If all of the A/C involved in a collision crash then all pilots involved in the collision gets half a (0,5) kill. If one or more A/C involved in a collision crash, and one or more A/C are able to continue to fly, then the pilot(s) who continue to fly gets a (1) kill. In this case, the pilot(s) that crash gets no kill. "Continue to fly" is defined as being airborne at least the 15 seconds immediately following the collision.

### **2.2.3 Administrator**

An *administrator* is a person who is either an International Co-ordinator, a 2nd International Co-ordinator, a National Contact, a 2nd National Contact, a Group Contact, a 2nd Group Contact, a treasurer, a newsletter-editor or responsible for the national supply shop.

## **2.3 Special decorations**

### **2.3.1 Fighterwing**

You may wear the fighterwing as soon as you have made a sortie during a competition.

### **2.3.2 Badges**

Within ACES, there are different badges for the different levels within the organisation. The following badges might exist: ACES, National ACES, Group and Squadron. In addition one may use national flag badges to show which country one belongs to, and in which countries one has competed. Badges can also be made to show which orders one has received, for instance an ACE-badge, etc.

### **2.3.3 Medals**

Three medals exist, based on how many sorties the pilot has flown: Bronze Star (50 sorties), Silver Star (100 sorties) and Gold Star (200 sorties). In addition medals can be used as an award to a national champion, a cup-winner etc.

## **2.4 Order ribbons**

The size of the order ribbons are 10x35mm. They should be placed at a maximum of four in a row, and in the order stated below.

### **2.4.1 Honoured Air Combatant (HAC)**

One member that has done extra valuable duties for ACES, are elected by all the members of ACES every year, to receive this

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order.

#### **2.4.2 Best Air Combatant (BAC)**

The pilot that wins the national cup, every year in each country, is awarded as "Best Air Combatant of <nation> <year>".

#### **2.4.3 Air Combat Expert (ACE)**

A pilot who has gathered five or more kills is awarded as ACE.

#### **2.4.4 Top Shot (TS)**

The award "Top shot" is given to any pilot who has achieved at least an average of 1.25 cuts per fight in a single contest. The average is counted across every possible number of fights, including the finals, even though the pilot may not have qualified to the finals.

#### **2.4.5 Fighter Designer (FD)**

To receive Fighter Designer, a member must design a fighter according to R/C Air Combat rules, and send a full-size plan of the design to the National Contact for evaluation. The fighter must also have flown at least one sortie, and the design must not be a copy of another design.

#### **2.4.6 Air Combat Testpilot (ACT)**

A pilot who has flown at least a sortie each with at least ten different types of A/C, receives the award Air Combat Testpilot. An A/C-type is defined as "Spitfire", "FW190", etc. Subtypes, like "FW190A" and "FW190D-9", do not count.

A pilot who has flown at least 50 sorties, receives the award Air Combat Veteran.

#### **2.4.8 ACES Administrator**

An administrator that has worked for ACES for at least one whole year, receives this order.

#### **2.4.9 Best Aircombat Squadron (BAS)**

This award is given to the squadron in every country, that has gathered most points in sanctioned events during the year, in contests across the world. A pilot must fight for the same squadron the whole year, and a list of the squadron members must be supplied to the NC at the beginning of every season. The award is given as: Best squadron of <nation> <year>.

#### **2.4.10 Aircombat International Champion (AIC)**

A pilot who has won an international championship, receives this award.

#### **2.4.11 Aircombat National Champion (ANC)**

A pilot who has won a national championship, receives this award.

#### **2.4.12 Aircombat Competition Champion (ACC)**

A pilot who has won an aircombat competition, receives this award.

#### **2.4.13 Aircombat International championship (AI)**

Is given to a member who has competed in an aircombat international championship.

#### **2.4.14 Aircombat National championship (AW)**

Is given to a member who has competed in an aircombat national championship.

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#### 2.4.15 Aircombat Competition (AC)

Is given to a member who has competed in an aircombat competition.

#### 2.4.16 Nations

Are given to a member according to which countries he has competed in.

### 2.5 Ranks

A member of ACES receives ranks according to the following rules.

#### 2.5.1 Rank regulations

A new member of ACES has no rank (Pt.=Private). After having competed in a competition or after becoming an administrator, the member receives the rank of Corporal (Cpl.). After that, the member is promoted as soon as he has flown 25 sorties. After another 25 sorties, he is promoted again. From there on, he is promoted for every 50 sorties he flies. An administrator is in addition promoted for every whole year he has worked as an administrator.

#### 2.5.2 Rank patches

The rank patches should look like the following figures. Note: In the “# Star General”, the # can be replaced by any number of stars from 1 and upwards. A “1 Star General” is of course the lowest (but above an ordinary General).

### 2.6 Placement of decorations

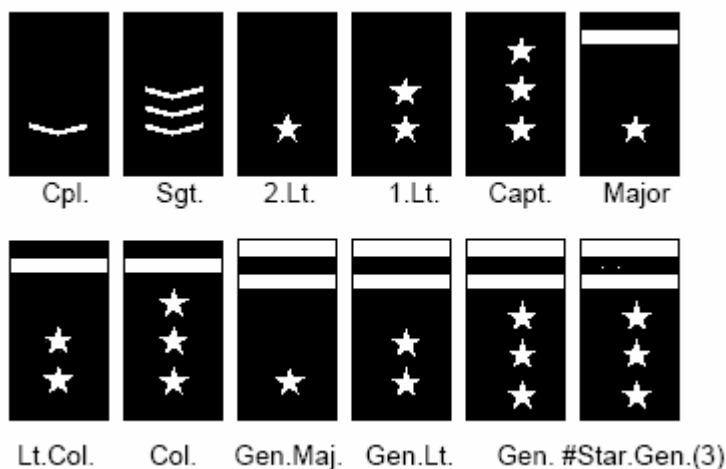
The following recommendations apply on where to put the different decorations.

#### 2.6.1 The fighterwing

The fighterwing should be placed at the left side of your flight-suit. The fighterwing may also be placed at the front of your cap.

#### 2.6.2 The order-ribbons

The order ribbons should be placed at the left side of your flight-suit, beneath the fighterwing (if any).



#### 2.6.3 Rank Patches

Rank patches should be placed on the shoulders of your flight-suit. They may also be placed at the front of your cap.



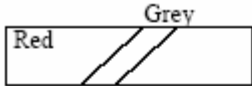

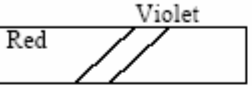
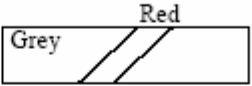

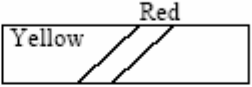

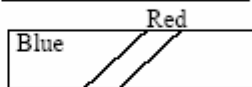
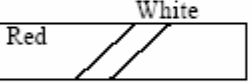

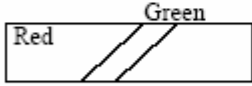
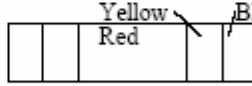
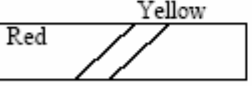
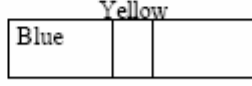
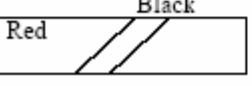
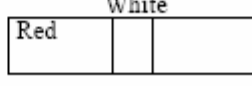

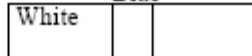
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## 2.6.4 Medals

Medals should be placed at the right side of your flight-suit.

## 2.6.5 Badges

Badges may be placed anywhere at your flight-suit or at your cap. The normal placement though, is at the arms of your flight-suit, with the highest-level badges at the highest.

 Violet	HAC	 Yellow	ANC
 Red Grey	BAC	 Blue	ACC
 Red Violet	ACE	 Grey Red	AI
 Red	TS	 Yellow Red	AN
 Red Blue	FD	 Blue Red	AC
 Red White	ACT	 Red Blue White	Norway
 Red Green	ACV	 Yellow Red Black	German
 Red Yellow	ACES adm.	 Blue Yellow	Sweden
 Red Black	BAS	 Red White	Denmark
 Grey	AIC	 White Blue	Finland