APPLICATION FOR RECORD CONFIRMATION

SPACE MODELS

RECORD CATEGORY (Class) :
PERFORMANCE (Altitude or Duration) :
DATE AND PLACE OF THE RECORD ATTEMPT :
CONTEST :
EVENT :
NAME OF SPACEMODELLER :
SPORTING LICENCE NUMBER :
NATIONALITY :
NATIONAL AERO CLUB :
CHARACTERISTICS OF MODEL :
TYPE OF MODEL :
TOTAL SURFACE AREA (for classes S4, S8 and S10):
LENGTH :
TOTAL WEIGHT WITHOUT FUEL :
TOTAL WEIGHT WITH FUEL :
ENGINE: TYPE :
MANUFACTURER :
DESIGNER :
TOTAL IMPULSE IN Ns :
NUMBER OF ENGINES :

TOTAL IMPULSE (ALL ENGINES) IN Ns :

We confirm, that all conditions necessary for this event, in accordance with Sporting Code of the FAI have been fulfilled.

First Judge:..... Signature: .....

Judges:..... .....
....
....

Signature of Spacemodeller:

.....

Date: .....

Certification by NAC Official:

Name:..... Signature .....

Official Stamp of NAC

PERSONNEL

SPACEMODELLER:

Name: .....
Permanent address: .....
Sporting license No.: .....

FIRST JUDGE:

Name: .....
Permanent address: .....
Sporting license No.: .....

JUDGES AND TIME-KEEPERS:

Name: .....
Permanent address: .....
Sporting license No.: .....
Name: .....
Permanent address: .....
Sporting license No.: .....
Name: .....
Permanent address: .....
Sporting license No.: .....

CERTIFICATION BY NAC OFFICIAL:

Name ..... Signature .....

DURATION RECORD ATTEMPT DATA

DURATION OF RECORD FLIGHT :
DATE OF ATTEMPT :
PLACE OF ATTEMPT :
NAME OF SPACEMODELLER :
SPORTING LICENSE NO. :
CATEGORY AND CLASS OF MODEL :
DIMENSIONS OF PARACHUTE(S)/STREAMER :
MATERIAL OF PARACHUTE(S)/STREAMER :
DESIGN OF PARACHUTE(S) :
CHRONOMETERS (Type used) :
OPTICAL INSTRUMENTS USED :
TIME OF START :
TIME OF LANDING :
TIME OF RETURN OF MODEL :

Name of Judge-Timekeeper:	Time of Duration of flight:	Signature of Judge:
_____	_____	_____
_____	_____	_____
_____	_____	_____

AVERAGE TIME OF DURATION OF FLIGHT: _____

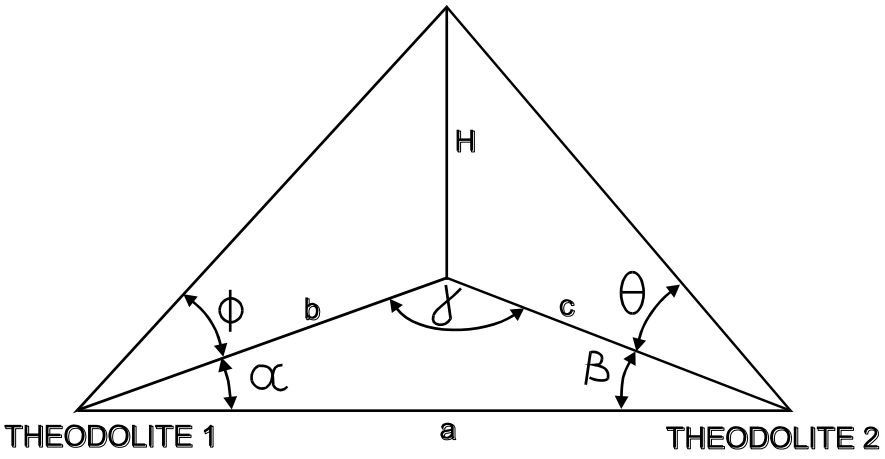
DATE AND PLACE: _____

SIGNATURE OF FIRST JUDGE: _____

ALTITUDE RECORD ATTEMPT DATA- TRIANGULATION METHOD

ALTITUDE OF RECORD ATTEMPT :
DATE OF ATTEMPT :
NAME OF SPACEMODELLER :
SPORTING LICENSE NO. :
CATEGORY AND CLASS OF MODEL :
TRACKING THEODOLITES USED :
NUMBER OF THEODOLITES :
THE LENGTH OF BASELINE :
METHOD USED TO DETERMINE
BASELINE MEASUREMENT :
BALANCE OF HEIGHT DIFFERENCE
BETWEEN THEODOLITES AND THE
LAUNCHER (Method used) :
ANGLES TAKEN WITH THEODOLITES:

THEODOLITE 1: AZIMUTH (α)
ELEVATION (ϕ)
THEODOLITE 2: AZIMUTH (β)
ELEVATION (θ)



ALTITUDE RECORD ATTEMPT DATA – TRIANGULATION METHOD

α = _____ ^{o} _____ sin α = _____

β = _____ ^{o} _____ sin β = _____

γ = _____ $180^{o} - (\alpha + \beta)$ = _____ sin γ = _____

a = length of base in metres _____ m

b = sin $\beta \frac{a}{\sin \gamma}$ = _____ m

c = sin $\alpha \frac{a}{\sin \gamma}$ = _____ m

H1 = b. tan φ = _____ m

And H2 = c. tan θ = _____ m

Average altitude H $= \frac{(H2 + H1)}{2}$ = m

THE RESULT _____ m and _____ m IS IN COMPLIANCE WITH THE ADMISSIBLE TOLERANCE OF 10% ACCORDING TO SPORTING CODE SECTION 4d ART No. 4.9.4.

PLACE AND DATE:

SIGNATURE OF OBSERVERS : 1. _____

2. _____

SIGNATURE OF FIRST JUDGE: _____