

ENR 3.4 ATTENTE EN-ROUTE**EN-ROUTE HOLDING****PREAMBULE
FOREWORD****GENERALITES**

Pour pallier des difficultés subites et imprévisibles d'écoulement du trafic, il peut être demandé à un aéronef d'effectuer une attente sur l'un des circuits définis dans les pages ci-après.

UTILISATION

Ces circuits sont utilisables uniquement sur instruction UAC et sous surveillance radar. Sauf indications contraires dans les descriptions, celles-ci sont utilisables dans les conditions suivantes :

- au dessus du FL 195 ;
- angle d'inclinaison minimal en virage de 25°;
- nombre de Mach maximum en attente M 0,8 pour les niveaux compris entre FL 195 et FL 340, et M 0,83 pour les niveaux supérieurs à FL 340, ce nombre de Mach maximum doit être respecté dès le premier passage sur le repère de base de l'attente ;
- la branche déloignement est de 1 mn 30 s pour les circuits en hippodrome.

CARACTERISTIQUES

Les circuits d'attente sont de deux types :

- circuits en hippodrome - VOR, VOR/DME ou RNAV ;
- circuits par virages continus de 360°.

Certaines attentes disposent en plus de procédures dites de temporisation.

GENERAL

To cope with sudden and unexpected difficulties of traffic flow, an aircraft may be required to remain on hold in one of the patterns described in the pages below.

USE

These patterns may only be used on UAC instructions and under radar supervision. Unless otherwise specified in the descriptive documents, they can be used under the following conditions:

- above FL 195;
- minimum bank angle: 25°;
- maximum Mach number when on hold M 0.8 for levels between FL 195 and FL 340, and M 0.83 for levels greater than FL 340, the maximum Mach number must be respected as soon as the ACFT first passes over the basic holding pattern fix;
- the outbound track is 1 min 30 s for racetrack holding pattern.

CHARACTERISTICS

Holding patterns are of two types:

- racetrack holding pattern - VOR, VOR/DME or RNAV;
- continuous 360° turns.

So called timing procedures are applied to certain holding patterns.

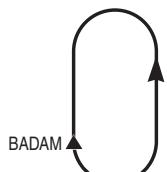
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CIRCUITS D'ATTENTE EN UIR FRANCE
Holding patterns within FRANCE UIR

UAC BORDEAUX

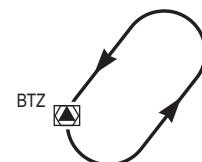
ATTENTE BADAM / HOLDING

44 05 11 N - 003 10 14 E
RAP 179° - GAUCHE / LEFT



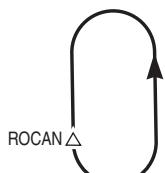
ATTENTE BIARRITZ / HOLDING

VOR - DME BTZ
RAP 220° - GAUCHE / LEFT



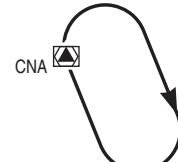
ATTENTE ROCAN / HOLDING

42 40 24 N - 001 56 48 E
RAP 179° - GAUCHE / LEFT



ATTENTE COGNAC / HOLDING

VOR/DME CNA
RAP 338° - DROITE / RIGHT



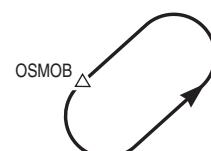
ATTENTE DIGPO / HOLDING

43 30 55 N - 000 18 02 E
RAP 228° - DROITE / RIGHT



ATTENTE OSMOB / HOLDING

44 38 57 N - 000 20 17 W
RAP 219° - GAUCHE / LEFT

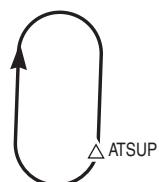


CIRCUITS D'ATTENTE EN UIR FRANCE
Holding patterns within FRANCE UIR

UAC BORDEAUX

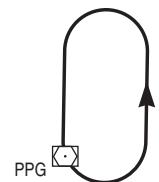
ATTENTE ATSUP / Holding

45 44 34 N - 002 57 10 E
RAP 180° - DROITE / RIGHT



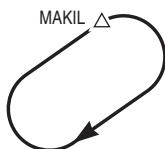
ATTENTE PERPIGNAN / Holding

VOR DME PPG
RAP 179° - GAUCHE / LEFT



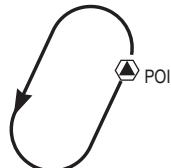
ATTENTE MAKIL / Holding

44 12 35 N - 002 20 23 E
RAP 058° - DROITE / RIGHT



ATTENTE POITIERS / Holding

VOR POI
RAP 026° - GAUCHE / LEFT



ATTENTE EVPOK / Holding

45 28 27 N - 001 22 34 E
RAP 168° - GAUCHE / LEFT

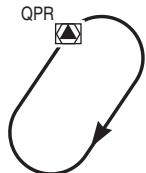


CIRCUITS D'ATTENTE EN UIR FRANCE
Holding patterns within FRANCE UIR

UAC BREST

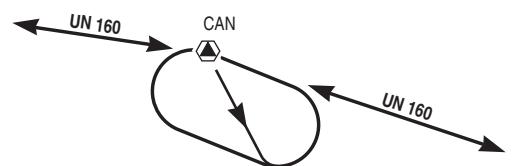
ATTENTE QUIMPER / Holding

VOR DME QPR
RAP 038° - DROITE / RIGHT



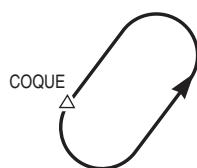
ATTENTE CAEN / Holding

VOR CAN
RAP 292° - GAUCHE / LEFT



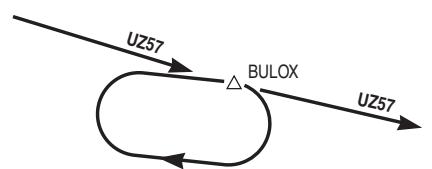
ATTENTE COQUE / Holding

47 04 45 N - 004 59 26 W
VOR DME - QPR
RDL 217° - 62/49 NM
RAP 217° - GAUCHE / LEFT



ATTENTE BULOX / Holding

48 33 00 N - 000 46 00 W
RAP 096° - DROITE / RIGHT
FL 200 à / to FL 460 inclus / included.

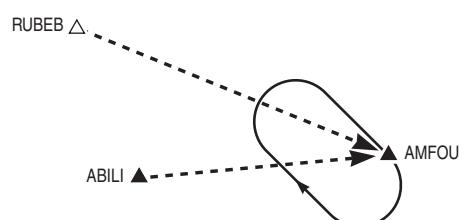


CIRCUITS D'ATTENTE EN UIR FRANCE
Holding patterns within FRANCE UIR

UAC MARSEILLE

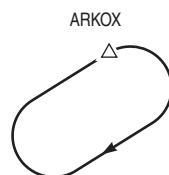
ATTENTE AMFOU / Holding

43 35 45 N - 006 06 04 E
VOR DME - STP
R 315 - 31/40 NM
RAP 135° - DROITE / RIGHT
IAS 240 kt
FL 200 à / to FL 230 inclus / included
FL inférieurs utilisables sur autorisation ATC
Lower FL usable only on ATC instruction



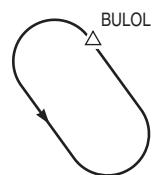
ATTENTE ARKOK / Holding

45 26 24 N - 005 18 27 E
RAP 063° - DROITE / RIGHT
FL 200 à / to FL 340 inclus / included



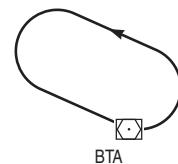
ATTENTE BULOL / Holding

46 02 45 N - 005 05 31 E
RAP 329° - GAUCHE / LEFT
FL 200 à / to FL 340 inclus / included



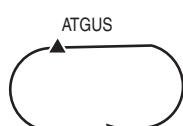
ATTENTE BTA / Holding

VOR DME - BTA
42 34 25 N - 009 28 29 E
RAP 118° - GAUCHE / LEFT
FL 200 à / to FL 340 inclus / included



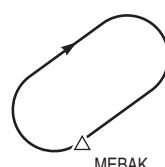
ATTENTE ATGUS / Holding

40 55 02 N - 006 38 58 E
RAP 273° - GAUCHE / LEFT
FL 200 à / to FL 340 inclus / included
Utilisable par ACFT en provenance du nord ou de l'Italie
Usable by ACFT from the north or Italy



ATTENTE MEBAK / Holding

45 42 29 N - 004 38 56 E
RAP 236° - DROITE / RIGHT
FL 200 à / to FL 340 inclus / included

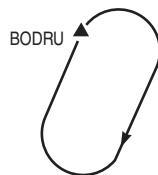


CIRCUITS D'ATTENTE EN UIR FRANCE
Holding patterns within FRANCE UIR

UAC MARSEILLE

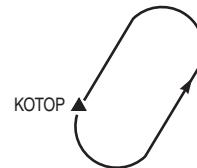
ATTENTE BODRU / Holding

44 12 31 N - 006 22 40 E
RAP 027° - DROITE/RIGHT
FL 200 à/to FL 340 inclus/included



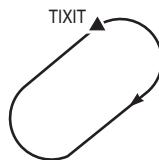
ATTENTE KOTOP / Holding

42 30 16 N - 004 16 05 E
RAP 216° - GAUCHE/LEFT
FL 200 à/to FL 340 inclus/included



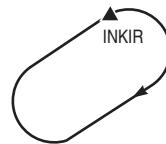
ATTENTE TIXIT / Holding

43 20 46 N - 006 50 30 E
RAP 055° - DROITE/RIGHT
FL 200 à/to FL 340 inclus/included



ATTENTE INKIR / Holding

40 42 39 N - 006 09 26 E
RAP 061° - DROITE/RIGHT
FL 200 à/to FL 340 inclus/included
Utilisable par ACFT en provenance du sud ou de l'Espagne / Usable by ACFT from the south or Spain

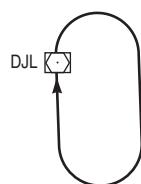


CIRCUITS D'ATTENTE EN UIR FRANCE
Holding patterns within FRANCE UIR

UAC PARIS

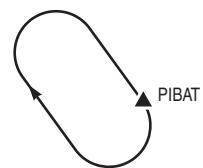
ATTENTE DIJON / Holding

VOR - DME DJL
RAP 360° - DROITE/RIGHT
FL 200 à/to FL 380 inclus/included



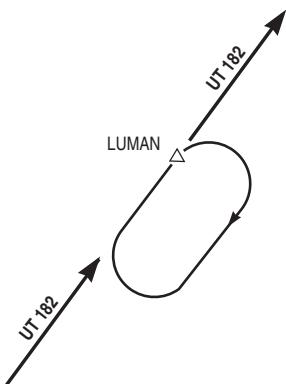
ATTENTE PIBAT / Holding

46 48 21 N - 004 15 33 E
RAP 149° - DROITE/RIGHT



ATTENTE LUMAN / Holding

47 56 22 N - 000 24 48 E
RAP 037° - DROITE/RIGHT
FL 200 à/to FL 280 inclus/included
IAS 240 kt si/if FL < 250

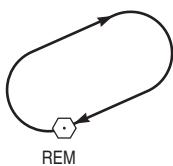


CIRCUITS D'ATTENTE EN UIR FRANCE
Holding patterns within FRANCE UIR

UAC REIMS

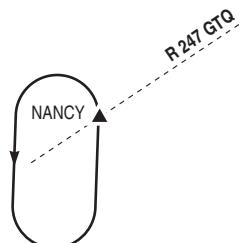
ATTENTE REIMS / Holding

VOR REM
RAP 250° - DROITE/RIGHT
FL 320 à/to 370 inclus/included



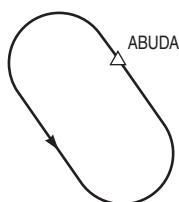
ATTENTE NANCY / Holding

48 49 03 N - 006 05 02 E
INT VOR R 001 EPL et/and R 247 GTQ
RAP 001° - GAUCHE/LEFT



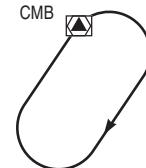
ATTENTE ABUDA / Holding

50 06 59 N - 001 45 27 E
RAP 328° - GAUCHE/LEFT
FL 200 à/to FL 370



ATTENTE CAMBRAI* / Holding

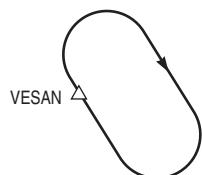
VOR CMB
RAP 035° - DROITE/RIGHT



* FL<265 : PARIS ACC

ATTENTE VESAN / Holding

50 22 19 N - 002 01 35 E
RAP 322° - DROITE/RIGHT
FL 270 à/to FL 370



ATTENTE RANUX / Holding

49 08 20 N - 004 21 42 E
RAP 077° - DROITE/RIGHT
FL 320 à/to FL 370 inclus/included

