

# CCAR-121 ??

# CCAR-121

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CCAR 121FS R2

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CCAR-61 [ ]

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CCAR-61 [ ] CCAR-91

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B

121.21

121.21 (a) 121.3

121.133 (1) (2) (3) (4) (5) (6) (b)

(c) (a) 5 (d)

(e) 20 (f)

(g) 10 121.23 (b)

121.23 (a) 7 (1)

(2) (b) (3)

121.43 a (4)

121.25 (a) (1) (2) (3) (4) (5) (6) (7)



(2) 5  
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 (iii) (4) (i) 20  
 (e) (i) (ii) (d) (c) (1)  
 121.21 (c) (g) (1)  
 (i) (ii) (iii) 121.3 (c) 10  
 (iv)  
 (v) (2) (3) (i) (ii) (iii) (d) (4) (1) 20  
 (2) 20 (e) (3) 20 (c) (e) (1) (2) 121.37  
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 (a) (b)

11

C

121.41 (a) (b)



(d) 121.43 (a)

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CCAR-66

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(a) b (c) d

121.47

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30

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(b) (a)

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121.49

(a)

(b)

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121.51

(a)

(b)

121.53 (a)

(b)

14

(c)

121.55

(a)

(1)

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(b)

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(2)

24

121.57

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E

121.91

(a)

(1)

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121.95

121.105

(b)

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121.93

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121.95

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18

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(a)  
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121.115 [ ] [ ] (a) [ ]  
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(4) [ ] (5) [ ]  
[ ] 121.117 [ ] [ ] (a)

(b)

(1) [ ] 19

(i) [ ] (ii) [ ] (iii) [ ] (iv) [ ]  
(v) [ ] (2) [ ] (i) [ ] (ii) [ ] (iii) [ ] (iv) [ ]  
[ ] (3) [ ] (i) [ ] (ii) [ ] (iii) [ ] (4) [ ]  
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[ ] (ii) [ ] (iii) [ ] (iv) [ ] (6) [ ] (i) [ ] (ii) [ ]  
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121.119 (a)

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121.121 (a) (b)

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121.123 [Line of text]

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[Line of text] 121.125 (a) (2)

(1) U [Line of text] (2)

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(ii) [Line of text]

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121.125

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121.131 (a)

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(b) (a) (1)

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10 [Redacted] (b)  
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[Redacted]

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121.161 (a) [Redacted]

(a) [Redacted]

[Redacted]

[Redacted]

[Redacted]

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[Redacted]

(a) [Redacted]

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(b) (5) [Redacted]

(c) (b)

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[Redacted]

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C [Redacted] 121.161 [Redacted]

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44

[Redacted] 90

[Redacted] C(a)

(b) [Redacted]

44

[Redacted]

(c)

(1) [Redacted]

(2) [Redacted] 121.391

[Redacted]

(3)

[Redacted]

(c) (b)

(1)

121.397 [Redacted]

50

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15

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(2)

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(4)

[Redacted]

(d)

27

C(b) [Redacted]

(e) [Redacted]

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C (b) (2) (b) (4)

28

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[Redacted]



25 (13.5 )  
 300 (1000 ) 0.0189 Vso / Vso  
 0.0189 6.90 Vso / Vso  
 6.90

30

121.181 -- (a) (b)  
 25 (13.5  
 300 (1000 ) 0.00148(0.079-  
 0.106/N) Vso2 / N Vso (0.079-0.106/N)  
 Vso2 / N Vso (b)  
 (a)  
 121.187  
 25 (13.5  
 600 (2000 ) (c) (b)  
 (1)  
 0.00148(0.079-0.106/N) Vso2 / N Vso  
 (0.079-0.106/N) Vso2 / N  
 Vso (2)  
 (3) 300 (1000 )  
 (a) (4)  
 (5)  
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 121.643

31

121.183  
 (a)  
 (1)  
 121.187 90  
 (2) 25 (13.5 )  
 300 (1000 ) 1500 (5000 )  
 0.000019 Vso2 / Vso

0.000019  $\square$   $\square$  0.013  $V_{so2}$   $\square$   
Vso  $\square$   $\square$  0.013  $\square$  (b)  $\square$  (a)  $\square$  (2)

(1)  $\square$  (2)  
 $\square$  (3)

$\square$  0.000019  $V_{so2}$   $\square$  /  $\square$  Vso

0.013  $V_{so2}$   $\square$  /  $\square$  Vso  $\square$  /  $\square$  (4)

121.187  $\square$   
300  $\square$  (1000  $\square$  )  $\square$   $\square$  121.185  $\square$   
--  $\square$  (a)  $\square$  (b)

15.2  $\square$  (50  $\square$  )

60  $\square$  (1)  
(2)

150  $\square$   $\square$  50  
(b)  $\square$  (a)  $\square$  (2)

32  
70  $\square$   $\square$  121.187  $\square$

--  $\square$  121.185  
70  $\square$   $\square$   $\square$  121.189  $\square$

(a)  $\square$   
(b)

(1)  $\square$  (2)  
(3)

(c)  $\square$   
10.7  $\square$  (35  $\square$  )  $\square$  (i) 90  $\square$  (300

)  $\square$  0.125D  $\square$  D  $\square$  (ii) 15  $\square$  300  $\square$   $\square$  15  
600  $\square$   $\square$  15  $\square$  600

15  $\square$  900  $\square$  (d)  $\square$  (a)  $\square$  (c)

(e)  
15.2  $\square$  (50  $\square$  )  $\square$  15°  $\square$  (f)

"  $\square$  "  $\square$  "  $\square$  "  $\square$  "  $\square$  "  $\square$  "

121.191

(a)

33

(1)

25

(13.5)

300 (1000)

450 (1500)

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121.197

600 (2000)

25 (13.5)

450 (1500)

(b) (a) (2)

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121.193

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121.197

90 (b)

121.197

25 (13.5)

600 2000

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450 (1500)

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121.195

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15.2 50

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115 (c) (b) (2) 70 (d) (b) (b) (e) (b) (2) (b) 121.197 -- 121.195 (b) 15.2 (50 ) 70 60 121.637 35

J

121.211 (a) 2006 7 1 (b) (b) (1) 660 26 (2) 178 7 (3) 76 3 (c) (a) (1) (a) (1) 76 3 635 25 ( ) (2) (a) (2) ( ) (3) (a) (3) ( ) (d) (e)

36

76 3

76 3 635 25

660 26

[REDACTED]

121.215 (a) (b) (c)

[REDACTED] (b) [REDACTED]

[REDACTED] (1) [REDACTED] [REDACTED] 1.15

[REDACTED] [REDACTED] (2)

[REDACTED]

[REDACTED] (3)

[REDACTED] (4)

[REDACTED]

[REDACTED] [REDACTED] 1.15

[REDACTED]

[REDACTED] (5)

[REDACTED] [REDACTED] (6)

[REDACTED] (7)

[REDACTED] [REDACTED] (8)

[REDACTED] " [REDACTED] " [REDACTED] "

[REDACTED] 37

[REDACTED] (c) [REDACTED] CCAR-25 25.561 (b) (3)

[REDACTED] [REDACTED] (1)

[REDACTED]

[REDACTED] (2)

[REDACTED] (3)

[REDACTED] (4)

[REDACTED] [REDACTED] (5)

[REDACTED] " [REDACTED] " [REDACTED] "

[REDACTED] [REDACTED] 121.217

[REDACTED] [REDACTED]

[REDACTED] [REDACTED]

38

K

[REDACTED]

121.301 (a) [REDACTED]

[REDACTED] (b) [REDACTED] 121.305 [REDACTED] 121.359

[REDACTED] [REDACTED] (c) [REDACTED] /

[REDACTED]

[REDACTED] / [REDACTED] (d)

[REDACTED] 2005 7 1 [REDACTED]

[REDACTED]

(e) 121.645 b  
 121.647 (1)  
 (2) 121.305 121.319  
 121.359 121.360 121.743  
 121.323 121.351  
 (e) (1) 121.305  
 (a)  
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 (d) (e)  
 (f) (l)  
 360° (g)  
 (h) (i)  
 39  
 (j) (1)  
 (2)  
 /  
 (3) (4)  
 (l) 360°  
 (5) (6)  
 (k) (l)  
 (1)  
 (2) 30  
 (3) (4) (6)  
 (5) (m) (1)  
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 121.307  
 (a) (b)  
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 40  
 (e) (f) (g)  
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[Redacted text block]

(i)  
(ii) [Redacted] (iii)

(c)

(b) [Redacted] (2) [Redacted]

[Redacted text block]

(d) [Redacted] CCAR-25 [Redacted] 25.785

[Redacted] (e) [Redacted] (e) [Redacted] (1) [Redacted] (e) [Redacted] (2) [Redacted]

[Redacted]

(1) [Redacted] 121.310 [Redacted] (f) [Redacted] (3) [Redacted] [Redacted] (2)

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(f) [Redacted] CCAR-25 [Redacted]

25.785 [Redacted] (g)

CCAR-25 [Redacted] 25.785 [Redacted]

[Redacted] [Redacted] 121.351

[Redacted] (h)

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(i) [Redacted text block]

[Redacted] 121.312 [Redacted] (a)

[Redacted] CCAR-25 [Redacted]

25.853 [Redacted] (b) [Redacted] CCAR-25 [Redacted] [Redacted]

25.853 [Redacted] 46

[Redacted] 121.313 [Redacted] [Redacted] (a)

[Redacted text block]

(b) [Redacted] (c)

[Redacted text block]

[Redacted] (d)

(e)

[Redacted text block]

(f)

[Redacted text block]



“ ” (a)  
(g) (1) “ ” “ ”  
(2) (3)  
(h)  
(i) (e) (g) (1) (f) (2) 121.318  
(a) 19  
(1) 121 319  
(2) CCAR-21 (b) (a)  
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10 (4)  
(c) 1995 12 18  
CCAR-25 25.1423 121.319 (a)  
19 49  
(1) 121.318 (a)  
(2) (b) (b) (a)  
CCAR-21  
(1) (i) (ii) (2)  
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10 (5)  
(i)  
(ii)  
(iii) (b) (5) (ii)  
(iv)  
121.320 (a)  
(1) (2) (3)  
(4)  
121.323  
121.305 121.320 121.743  
(a) (b) 50  
(c) (d)

(e) 121.325 305 121.319 121.743 (f) 121 (a) (b) (c)

121.327 121 330 (a) (b) (c)

(b) (1) 3000 (10000) 3700 (12000) 30 (2) 3700 (12000)

(3) 51

(c) (1) 2400 (8000) 4300 (14000) 30 10 30 (2) 4300 (14000) 4600 (15000) (3) 4600 (15000)

(d) " " (a) (1) (b) (c)

(2) (3) (4)

(b) (1) 3000 (10000) 3600 (12000)

(2) 30 3600 (12000)



7600 (25000 )  
(2) 7600 (25000 ) (i)  
5  
(A) 30  
3,400 7,500  
12500 (41000 ) (B) 31  
3,400 7,500 10500 (35000 ) (ii)  
(3) (c) (2) 7600  
(25000 ) 54

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(d) 7600 (25000 )  
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3000 (10000 ) (1)  
7600 (25000 ) 4  
4300 (14000 ) 10  
30 (2) 7600 (25000 ) 4  
4300 (14000 ) 7600 (25000 )  
3000 (10000 ) 4300 (14000 )  
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121.329 (c) (2) (3)  
10 (3) 7600

25000  
2400 (8000 ) 2  
CCAR-25 25.1443 2  
(f)  
7600 (25000 )  
121.335  
121.329 121.331

121.337 (a) (PBE) (b)

(b) (1)

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(b) (1) (4)

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(b) (4) (6) 121.333

(7) (i) 2400 (8000 ) (ii) 15 (iii) (iv) CCAR-25 25.1450 (8)

(9) (i) (ii) 56

(iii) (iv)

121.309 (1) (3 ) (c) (1)

(i)

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121.339

121.339

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121.340

121.340

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121.343

121.343

(b)

121.344 (93 (50 )

121.344

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121.345

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121.348

121.348 (2)

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121.363

CCAR-25 25.1326

121.364

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(a)

CCAR-91 91.509

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121.365

121.366

121.366 (c)

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121.369

(d)

CCAR-91 91.509

121.370

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121.344

121.372

121.372

QAR

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(a)

(b)

121.347

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121.349



(1) [redacted]  
[redacted]

(2) [redacted]

(3)

121.353 [redacted]  
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(a) [redacted] (b)  
1 60

[redacted]  
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[ ] 121.589 [ ] [ ] (a) [ ] (c)  
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121.591 [ ] [ ] (a)  
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[ ] [ ] (c)  
[ ] (a) [ ] 114  
[ ] (1) [ ] (2) [ ] (3)  
[ ] (4) [ ] (5)  
[ ] [ ] [ ] (d)  
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[ ] (a) [ ] [ ] 121.593 [ ] [ ] (a)  
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(a) [ ] (c)  
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121.391 [ ] 121.569 [ ] 121.585  
121.161  
121.545 [ ] 121.571 [ ] 121.603  
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114  
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121.631

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121

(i) (A) (MDA) 450 1500 (B) (MDA) 600 2000 (DA) 450 1500 3200 2 4800 3 (2) 121.659 (b) 121.661 (b) 121.643 (a) (b) 121.642 (a) (b) (b) 121.662 (c) (a) 121.661 (d) 121.643 (a) (b) (1) MDH DH 120 (400 ) 1600 (1 ) (2) (MDH) 60 (200 ) 800 (1/2 ) (3) 122 (DH) 60 (200 ) 800 (1/2 ) (a) 121.645 (a) 121.558 (b) 121.647 (a) (1) (2) (3) (i) (b) (ii) (4) (3) (ii) (5) (b)

[ ] (1)  
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 [ ] [ ] (3)  
 [ ] (c) [ ] (b) [ ] (1) [ ] (3)  
 [ ] [ ] 121.649 [ ]  
 [ ] (a) [ ]  
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 [ ] 123  
 (b) [ ]  
 [ ] (c) [ ] (c) [ ] (d)  
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 [ ] (i) [ ] (c) [ ] (4)  
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 (4) [ ]  
 124  
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 [ ] (d) [ ] (c)  
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121.651 5 (a)  
 (b)  
 121.663 121.173 (c) 121.657  
 121.675 121.173 (d) 121.621  
 121.653  
 121.655  
 (a)  
 (b) 125  
 (1) (2) (3)  
 (4)  
 800 /2 270 /2400 900 /1.5 240 /3200  
 300 /1600 1000 /1  
 121.657 (a) (b)  
 (1)  
 (2) (b) 45  
 (3) 45  
 121.659 2  
 (a)  
 (1) (2)  
 (3)  
 30 (1) (2)

15 (b)  
90 (a) (2)  
3 121.660

(a) (b)  
126

(1) (2) (3)  
45

30 (b)  
121.659 a (c)  
121.642 (b)  
3

121.661

(a)  
121.657

(1) (2)  
10 (3)  
(4)  
450 (1500)

30 (b)  
121.641 (a) (2)

121.642 b  
2 (c)

(a) (b)  
121.660 121.662

(a) (b)  
127

(1)  
(2) (3)

45 (b)  
(a) (1) (2)

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15% 90 (c)

121.642(b)

3 121.663 (1)  
(a) 121.657 121.661 (2) (3) (4)  
(5) (b)  
121.665

121.667 (a)  
1600 (2)

800 (b) (d)  
128

(c) (b)  
(1) (2)  
(3) II III  
(i)  
30 (100 ) (ii)  
(iii) (iv) (v) (vi) (vii)  
(viii) (ix) (x) (4)

(d)  
II III  
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(3) II III  
(i)  
129

30 (100 ) (ii)  
 (iii) (iv) (v) (vi) (vii)  
 (viii) (ix) (x) (e)  
 (f)  
 121.669 (a) 100 (MDH)  
 30 (100 ) 800 (1/2 )  
 (RVR) (MDH) (DH)  
 90 (300 ) 1600 (1 ) (b)  
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 (a) 100 50 121.671  
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 121.673 (a)  
 (b) (c)  
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 300 (1000 ) (c)  
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 400 (1300 )  
 600 (2000 ) 121.675  
 121.677  
 121.679





(6) (7) (8) (9) (10) (11) (12) (13) (b) 24 (c) 30 135

(1) (2) (3) (4) (5) (6) (7) (8) (9) (10) (11) (d) (a) 121.708 (1) (2) (3) (4) (5) (b) 24 (c) 30 (1) (2) (3) (4) (5) (6) (7) (8) 136

(d) (a) 121.709 (1) (2) (3) (4) (b) (c) 72

ETOPS

121.711 (a) H ETOPS 75 120 180

(b)

121.715 (c)

121.733 121.713 (a)

(b)

(c)

(d) CMP 1

(e) MMEL

(f) 1

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121.715 (a)  
138

H (1)

(2)

IFSD 0.05 1000

0.02 1000 (3)

(b)

CMP  
CMP

CMP

(c) 121.717 (a)

121.733

(b) IFSD

[Bar chart with 10 bars of varying lengths]

(c)

(1)75

75

(2)120 [Bar chart]

120 [Bar chart]

139

[Bar chart with 18 bars of varying lengths]

12 [Bar chart]

[Bar chart] (3)180

180 [Bar chart]

12 [Bar chart] [Bar chart] 120

[Bar chart] 120

[Bar chart] 121.719 [Bar chart] (a) [Bar chart] 121.157

(b)

[Bar chart] (1)

[Bar chart] (2)

[Bar chart] (c)

(1)

(2)

[Bar chart] (3)

(5)

60 [Bar chart]

(d)

[Bar chart] 121.729

[Bar chart]

140

(e) 121.21 (c) (d) 121.721

(a) U MMEL (b)

MEL

(1) (2) (3) (4) (5)

(6) (7) (8) (9) (10) (11)

(12) (13) (14) (15)

(c) (1)

(2)

(3)

(d)

(1) 141

(2)

(i)

(ii)

(iii) (v)

(iv) (vi) (vii) (2)

(3)

(1) 5

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450 (1500 ) 15

(e)

[REDACTED]  
 [REDACTED]  
 [REDACTED] (1) [REDACTED]  
 [REDACTED] 121.197  
 [REDACTED] 142  
 [REDACTED] (2) [REDACTED] (3)  
 [REDACTED]  
 [REDACTED]  
 [REDACTED]  
 [REDACTED] (4)  
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 [REDACTED] (3)  
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 [REDACTED] (f)  
 [REDACTED] (1)  
 [REDACTED] (i) [REDACTED] (ii)  
 [REDACTED] 3000 [REDACTED] (10000 [REDACTED]) [REDACTED] (iii) [REDACTED] (iv) [REDACTED] (v) [REDACTED] (2)  
 [REDACTED]  
 [REDACTED] (i) [REDACTED] 3000 [REDACTED] (10000  
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 [REDACTED] RAT [REDACTED] (4)  
 [REDACTED]  
 [REDACTED] 121.191 [REDACTED] [REDACTED] 121.723 [REDACTED]  
 [REDACTED] (a) [REDACTED]  
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 [REDACTED] (b) [REDACTED]  
 [REDACTED] (1) [REDACTED] (i) [REDACTED] (ii)  
 [REDACTED] (2) [REDACTED] (i) [REDACTED] (ii) [REDACTED] (iii)  
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 [REDACTED]  
 [REDACTED] APU  
 [REDACTED] (iv) [REDACTED] (v)  
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(ii)

159

[redacted]  
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D

[redacted]

121.433 [redacted]

[redacted]  
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G

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G [redacted] B [redacted] C [redacted] D [redacted] [redacted]  
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G

[redacted] [redacted] [redacted] (PIC) S [redacted] (SIC) B  
[redacted] P [redacted] PP [redacted] SJ  
[redacted] SP [redacted] AT [redacted] (P) [redacted]  
PP [redacted] SJ [redacted] SP [redacted] PS [redacted]

160

[redacted] / [redacted]

[redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]  
[redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted] [redacted]

[redacted] [redacted] [redacted] [redacted] I. [redacted] B (a)  
[redacted] [redacted] [redacted] [redacted]  
[redacted] [redacted] [redacted] [redacted] (b)  
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[redacted] (c) [redacted] B [redacted]  
[redacted] (d) [redacted] [redacted] II. [redacted] (a) [redacted] B B (b) [redacted] [redacted]  
30 [redacted] (100 [redacted] [redacted]) [redacted] [redacted] (c) [redacted] B

AT

PS

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B

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PS AT

AT 161

PS

PS

(d) (1) V1 V2 , (3)  
 (2) V1 V2 V1 VR , V1 V1 (3)  
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B

AT

162

PS

(e)  
 B AT PS  
 (a) (e)  
 121.457  
 (d) B AT PS (b) B AT PS (c) B  
 AT PS (e) B AT PS (f)  
 B AT PS (1) B AT PS (2) B AT PS (3) B AT

PS (4) AT PS PS (5) B B AT AT PS PS (6) B B AT AT PS PS (7) B B AT AT PS PS (8) B AT PS (9) B AT PS 163

(10) B (11) B (12)  
(13) (14) B

B  
AT  
PS  
B  
AT  
PS  
B B  
AT AT  
PS PS  
B  
AT  
164  
AT  
PS  
PS

B / / (15)  
 B B AT AT PS PS (16) B AT PS (g)  
 : B AT AT PS PS (1) B  
(2) B B AT AT PS PS (3) B AT PS (4) B B AT AT PS (5)  
 B AT PS P PJ PS (h) B  
 45 180 360 (i) B AT PS  
 15 30  
(j) B AT PS (K) (1) B AT PS (2)  
 B AT PS (3) B AT PS (l) ILS 165



PS

(1) ILS (2)

B

AT B

PS AT

168

PS

(3) (4) B AT PS (4) B AT PS IV.  
 : (a) B AT PS (b) P PJ PS PP (c) ILS  
 B AT PS (d) B AT PS (e) PJ  
 PS (1) 3 P PP PJ PS (2)  
 P PP 50 PJ PS (3)  
 PP (1) (2)  
 (1) (2)  
 (1) (2) 169

(4) S (f) B III  
 (n) (g) B  
 15 (50 )

SJ SP

170

AT

PS

AT

PS

(h) PJ PS (h)  
 P PP (i) ( ) B AT PS  
 IV (a) (i)  
 121.457

E

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[ ] [ ] I. [ ] (a) [ ] )

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[ ] (b) [ ] (1)

[ ] [ ] (2)

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[ ] [ ] [ ] [ ] 121.46 [ ] 5 [ ] (d) [ ] [ ] [ ] [ ] [ ] [ ] [ ]

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| □□□□□□□□□□□□□□        | 121.465 □ (d)□□□□        | (c)                   |  |         |
| □□□□□□□□□□□□□□        | □□□□□□□□                 | (□□□□□□□)             |  |         |
| □□□□□□□□□□            | )□□ □□□□                 | (d)□□□□□□□□□□□□       |  | II. □□□ |
| (a)□□□□ 1 □ (b)□□□□□□ | 1 □□□□□□□□□□             | B □ 30 □ (100 □ □ )   |  |         |
| □□□□□□□□□□            | □□□ (c)□□□□ 1 □□□□□□□□□□ | □□□□□□□□              |  | (a)□    |
| (c)□□□□□□□□           | (b)□□□□□ □□□             | (a)□ (b)□ (c)□□□□□□□□ |  |         |

174

B

B B\* B\*

B\*

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|------------------------|---|-------------------------------|-----------|
| □ (d)□□□□□□□□□□□□□□    | □□□□□□□□                                  | 1 □□□□ (1)□ V1 □□ V2          |           |
| □□□□□□□□□□□□□□         | □□□□□□□□□□□□□□                            | (2)□ V1 □ V2 □□ V1 □□ VR □□□□ | V1        |
| □□□ □□ V1 □□□□□        | (3)□□□□□□□□□□□□□□                         | (e)                           |           |
| □□□□□□□□□□□□□□         | □□□□□□□□□□□□□□                            |                               |           |
| □□□□□□□□□□□□□□         | □□□□□□□□□□□□□□                            |                               | □□□□ III. |
| □□□□ (a)□□□□□□□□□□□□□□ | B □□□□□□                                  | (1)                           |           |
| □□□□□□□□□□□□□□         | □□□□□□□□                                  | (2)□□□□□□□□□□                 |           |
| □□□□□□□□□□□□□□         | 121.465 □ (d)□□□□                         | (b)                           |           |
| □□□□□□□□□□□□□□         | B □□□□□□□□□□□□□□                          | (c)ILS                        |           |
| □□□□□□□□□□□□□□         | (1)□□ 1 □□□ ILS □□ B (2)□□ 1 □□□□□□□□□□□□ |                               |           |
| ILS B □□□□□□□□□□□□□□   | □□□□□□□□□□□□□□                            |                               | (3)□□ 1   |
| □□□□□□□□□□□□□□         | B □□□□□□□□□□□□□□                          | (4)                           |           |
| □□□□□□□□□□             | 1 □□□□□□                                  | B 175                         |           |

□□ □□ □□ □□ □□ □□ □□ □□ B

□ □□□ □ □□ □ 121.46 □ 5 □ (d) □ □□□ □ □□ □ □

B\* B

B

B\*

B

B

B

B B

(3) (100 ) (d) 300 /5000  
 (1) B  
 (2) (3)  
 90 (3)  
 30 / /  
 121.465 (d)  
 (1) ILS (2) (e)  
 176

B\*

B\*

121.46 5 (d) 5

B\* P\*

(a) P 45  
 180 360 (b) B  
 (1) (2) (3)  
 15 30  
 (c)  
 (d) V.  
 ( )





(b) 121.411 (c)  
4  
181

(e) LOFT 2  
4  
2  
(a) B

(1) 121.461 (2) D  
(3) 121.465  
(b) C  
(1)

(ii) (i) 500  
(iii) (2) (1)  
5  
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(c) D CCAR-61 61.187  
(2)  
(i)  
II II  
30 (ii) II  
15 182

H ETOPS 1  
(a)

(b) (c) 6 12  
 (d) (e)  
 (f) 6 12 IFSD  
 (g) 2 (a)  
 (b) (a) (1)  
 180 (600 ) 3200 (2 )  
 120 (400 ) 1600 (1 ) (2)  
 120 (400 ) 1600 183  
 (1 ) 60 (200 ) 800 (1/2 )  
 (3) 240 (800 ) 3200 (2 )  
 120 (400 ) 1600 (1 ) (c)  
 II  
 III II III  
 (d)  
 121.561  
 3 (a)  
 121.717  
 (b) 75  
 (1) (2)  
 (3)  
 75 184



120 75 120 180  
75 180  
180 (b)75  
75 (1)  
(i) (ii)  
(iii)  
(2) 75  
(i)  
186

(ii) 75 (iii) MMEL  
( " )  
(3) 75  
(i)  
(ii)  
(iii) (4)  
(i)  
(ii)  
(iii) 120 120  
(c)180 120  
120 12  
120  
120  
120  
180  
180  
(1) (i) MEL MEL  
180 121.721 (b) (1) (15)  
(ii)  
(iii)  
3000 (10 000 )  
3000 (10 000 )  
(iv)  
180  
121.721 (e) (3) 187

121.561  
180 (v)  
121.561









[REDACTED]

[REDACTED]

[REDACTED]

5 [REDACTED]

[REDACTED]

(a) [REDACTED]

(b) [REDACTED]

(1) [REDACTED]

(2) [REDACTED]

[REDACTED]

(3) [REDACTED]

194

(4) [REDACTED]

(c) [REDACTED]

6 [REDACTED]

(a)

[REDACTED]

(1) [REDACTED]

10

[REDACTED]

95 [REDACTED]

3.7 [REDACTED] (2 [REDACTED]) [REDACTED] (2)

[REDACTED] 10 [REDACTED]

95 [REDACTED] [REDACTED] ±32 [REDACTED] (20

[REDACTED] ±40 [REDACTED] (25 [REDACTED]) (b) [REDACTED]

±1° [REDACTED]

[REDACTED] 2° [REDACTED]

[REDACTED]

(c) [REDACTED]

95 [REDACTED]

±32 [REDACTED] (20 [REDACTED]) [REDACTED] ±40

[REDACTED] (25 [REDACTED]) [REDACTED]

[REDACTED]

7 [REDACTED] (a)

[REDACTED]

[REDACTED] (b)

[REDACTED]

[REDACTED]

(c)

[REDACTED]

(1) [REDACTED]

(2)

[REDACTED]

(3)

[REDACTED]

[REDACTED] (4)

[REDACTED]

(5) [REDACTED]

(6) [REDACTED]

(d) [REDACTED]

[REDACTED]

195

[REDACTED]

[REDACTED]

[REDACTED]

1999 [REDACTED] 5

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

1999 [REDACTED]

[REDACTED]

USOAP [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

2000 [REDACTED] 7 [REDACTED] 18 [REDACTED]

92 [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

1 [REDACTED]

CCAR-121 [REDACTED]

5.7 [REDACTED]

[REDACTED]

5

[REDACTED]

[REDACTED]

[REDACTED]

30 [REDACTED]

[REDACTED]

3.4



iv G D II  
 3  
 D  
 II II  
 D 30  
 II D 15  
 v  
 100 1000 270  
 40 120 1300  
 5.  
 60 60 63 63 6.  
 198

199

#4

Admin 2026-04-16 08:46:47 CST

Admin 2026-04-16 12:22:20 CST