

ACT	PROCEDURE IDENT	INDEX	REV DATE	EFF DATE
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No revision activity since Disc 04-2011

TERMINAL CHART NOTAMs

No Chart NOTAMs for Airport UHSS

UHSS (Khomutovo)**General Info**

Yuzhno-Sakhalinsk, RUS

N 46° 53.3' E142° 43.0' Mag Var: 10.3°W

Elevation: 59'

Public, IFR, No Customs, Landing Fee

Fuel: Jet A-1

Repairs: Minor Airframe, Minor Engine

Time Zone Info: GMT+11:00 uses DST

Runway Info

Runway 01-19 11155' x 148' concrete

Runway 01 (12.0°M) TDZE 45'

Lights: Edge, ALS

Runway 19 (192.0°M) TDZE 50'

Lights: Edge, ALS

Communications InfoATIS **126.2**Yuzhno-Sakhalinsk Krug Radar **120.6****Notebook Info**

UHSS/UUS
KHOMUTOVO

17 DEC 10

10-2

JEPPesen YUZHNO-SAKHALINSK, RUSSIA

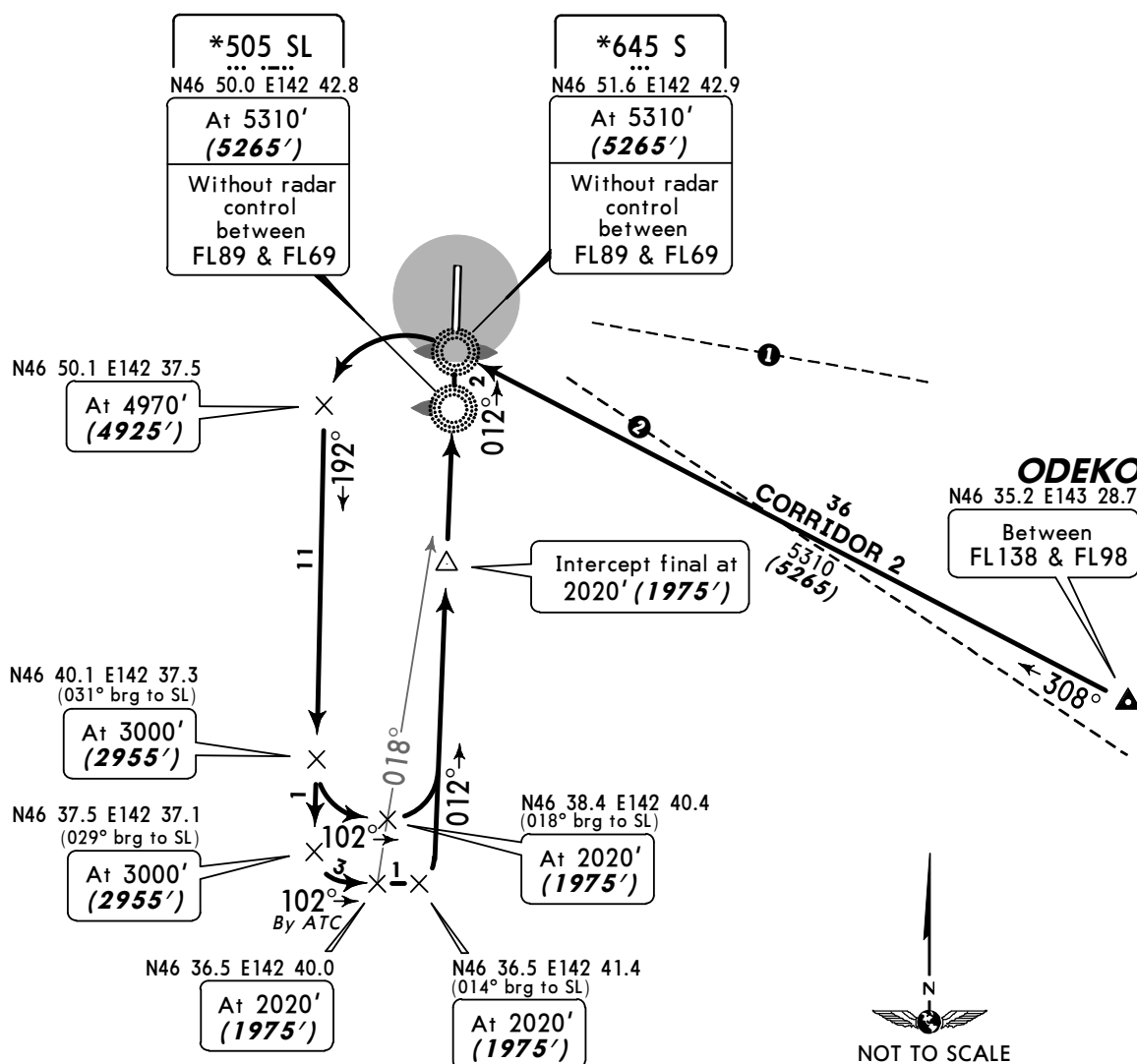
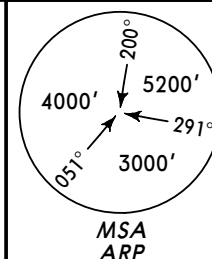
STAR

ATIS
126.2

Apt Elev
59'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL69
FL79 if pressure is less than 758 mm (1010.6 hPa)
FL89 if pressure is less than 731 mm (974.6 hPa).
Trans alt: 5310' (5265')

ODEKO 2
RWY 01 ARRIVAL
FROM SOUTHEAST
MINIMUM 165 KT



NOT TO SCALE

- ① 291° to ARP between 13.5 NM and 3.8 NM do not fly north below 5310' (5265').
- ② 315° to ARP between 37.8 NM and 3.8 NM do not fly north below 3990' (3945').

FL CONVERSION	
FL138	FL4200m
FL98	FL3000m
FL89	FL2700m
FL79	FL2400m
FL69	FL2100m

ALT/HEIGHT CONVERSION	
QNH	(QFE)
5310'	(5265' - 1600m)
4970'	(4925' - 1500m)
3990'	(3945' - 1200m)
3000'	(2955' - 900m)
2020'	(1975' - 600m)

UHSS/UUS
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17 DEC 10

JEPPESSEN

YUZHNO-SAKHALINSK, RUSSIA

(10-2A)

STAR

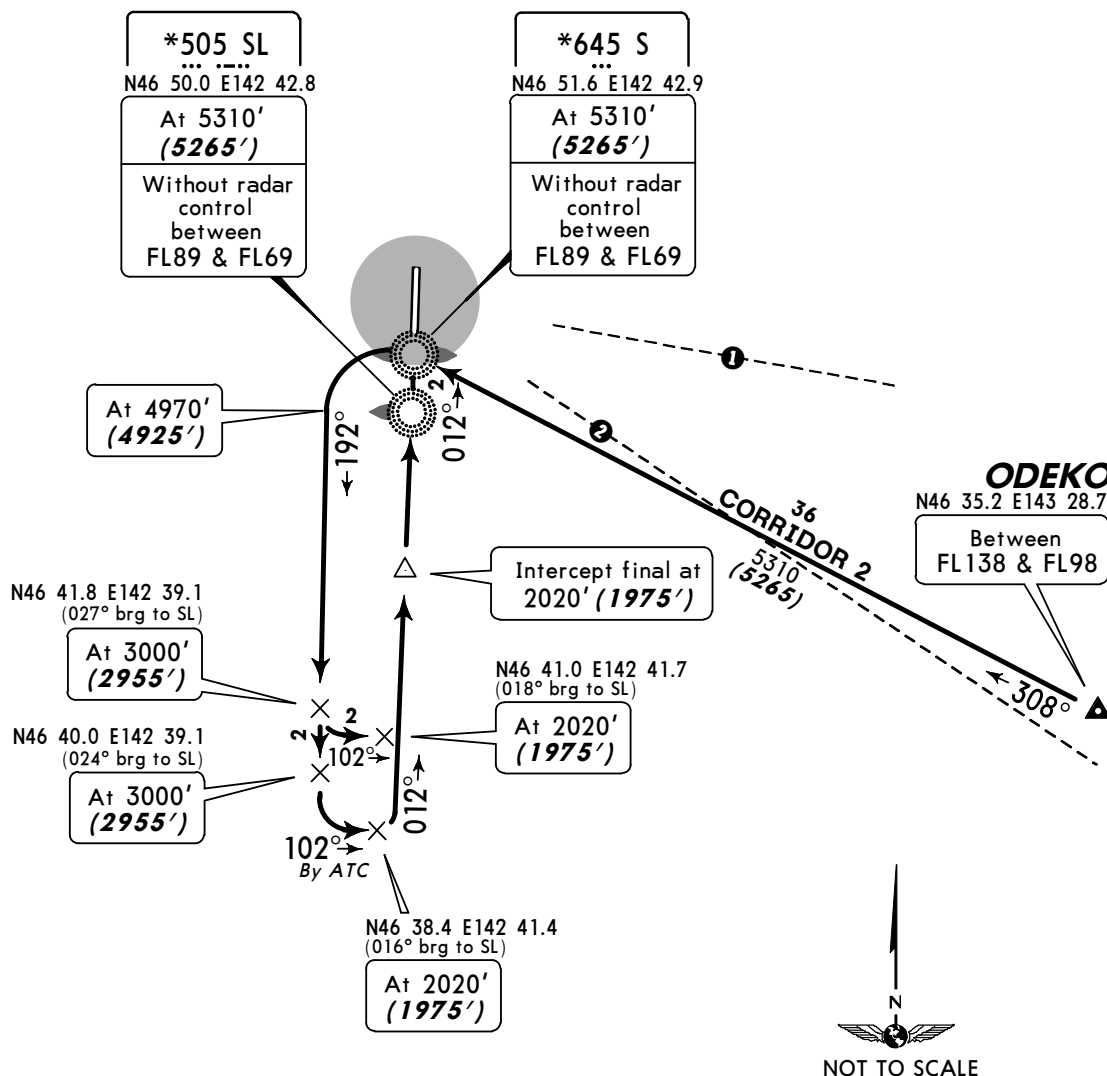
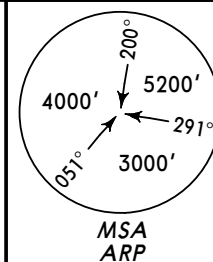
ATIS
126.2

Apt Elev
59'

Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL69
FL79 if pressure is less than 758 mm (1010.6 hPa)
FL89 if pressure is less than 731 mm (974.6 hPa).
Trans alt: 5310' **(5265')**

ODEKO 2
RWY 01 ARRIVAL
FROM SOUTHEAST
MAX 165 KT

CAT A & B



- ① 291° to ARP between 13.5 NM and 3.8 NM do not fly north below 5310' **(5265')**.
- ② 315° to ARP between 37.8 NM and 3.8 NM do not fly north below 3990' **(3945')**.

FL CONVERSION	
FL138	FL4200m
FL98	FL3000m
FL89	FL2700m
FL79	FL2400m
FL69	FL2100m

ALT/HEIGHT CONVERSION	
QNH	(QFE)
5310'	(5265' - 1600m)
4970'	(4925' - 1500m)
3990'	(3945' - 1200m)
3000'	(2955' - 900m)
2020'	(1975' - 600m)

UHSS/UUS
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17 DEC 10

JEPPESSEN

(10-2B)

YUZHNO-SAKHALINSK, RUSSIA

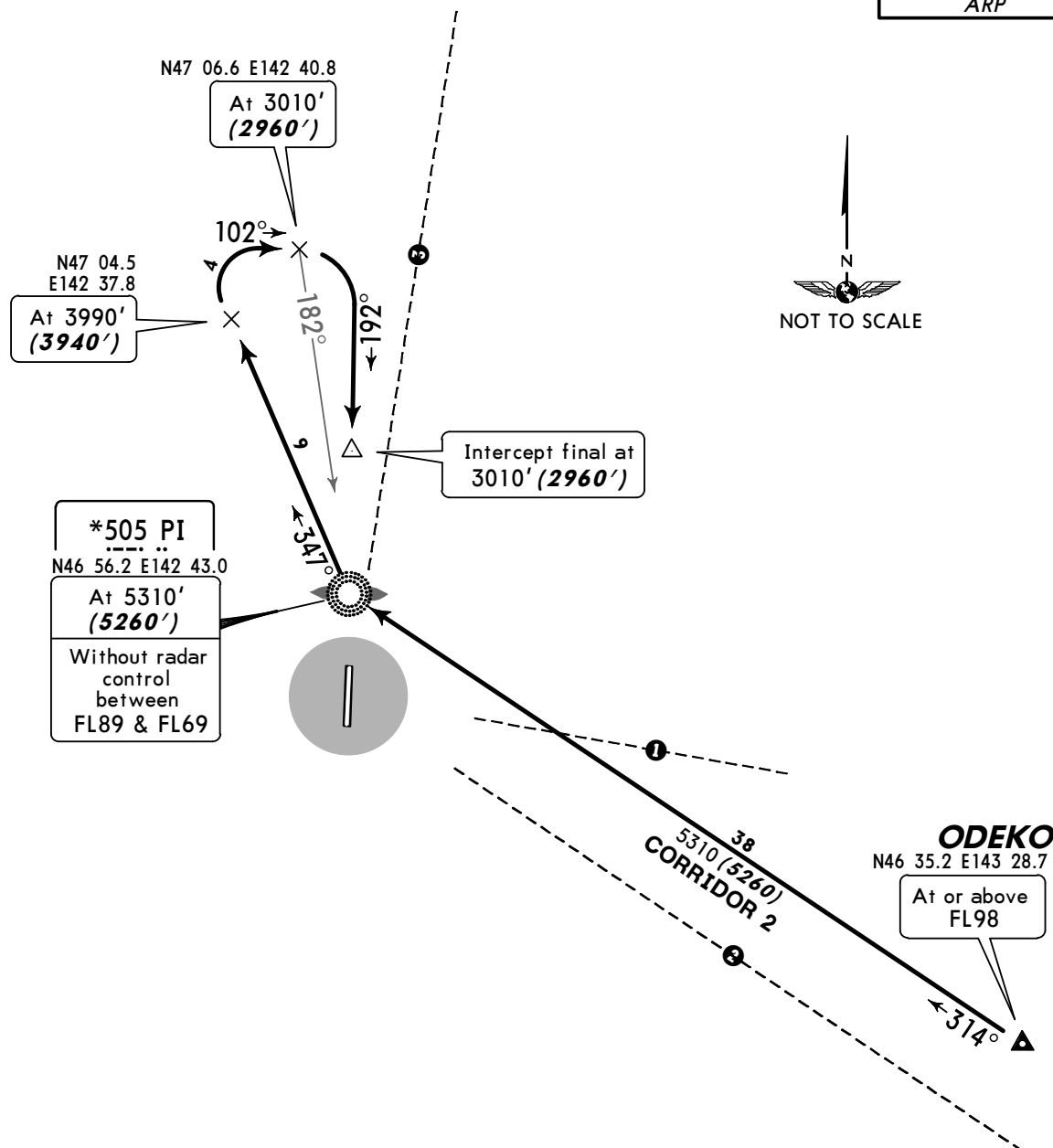
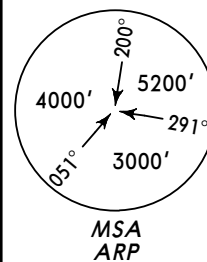
STAR

ATIS
126.2

Apt Elev
59'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL69
FL79 if pressure is less than 758 mm (1010.6 hPa)
FL89 if pressure is less than 731 mm (974.6 hPa).
Trans alt: 5310' (5260')

ODEKO 4
RWY 19 ARRIVAL
FROM SOUTHEAST
MINIMUM 165 KT



FL CONVERSION

FL98 **FL3000m**
FL89 **FL2700m**
FL79 **FL2400m**
FL69 **FL2100m**

ALT/HEIGHT CONVERSION

QNH (QFE)
5310' (5260' - 1600m)
3990' (3940' - 1200m)
3010' (2960' - 900m)

- ① 291° to ARP between 13.5 NM and 3.8 NM do not fly north below 5310' (5260').
- ② 315° to ARP between 37.8 NM and 3.8 NM do not fly north below 3990' (3940').
- ③ 200° to ARP between 22.7 NM and 3.8 NM do not fly east below 5310' (5260').

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JEPPESEN
17 DEC 10 (10-2C)

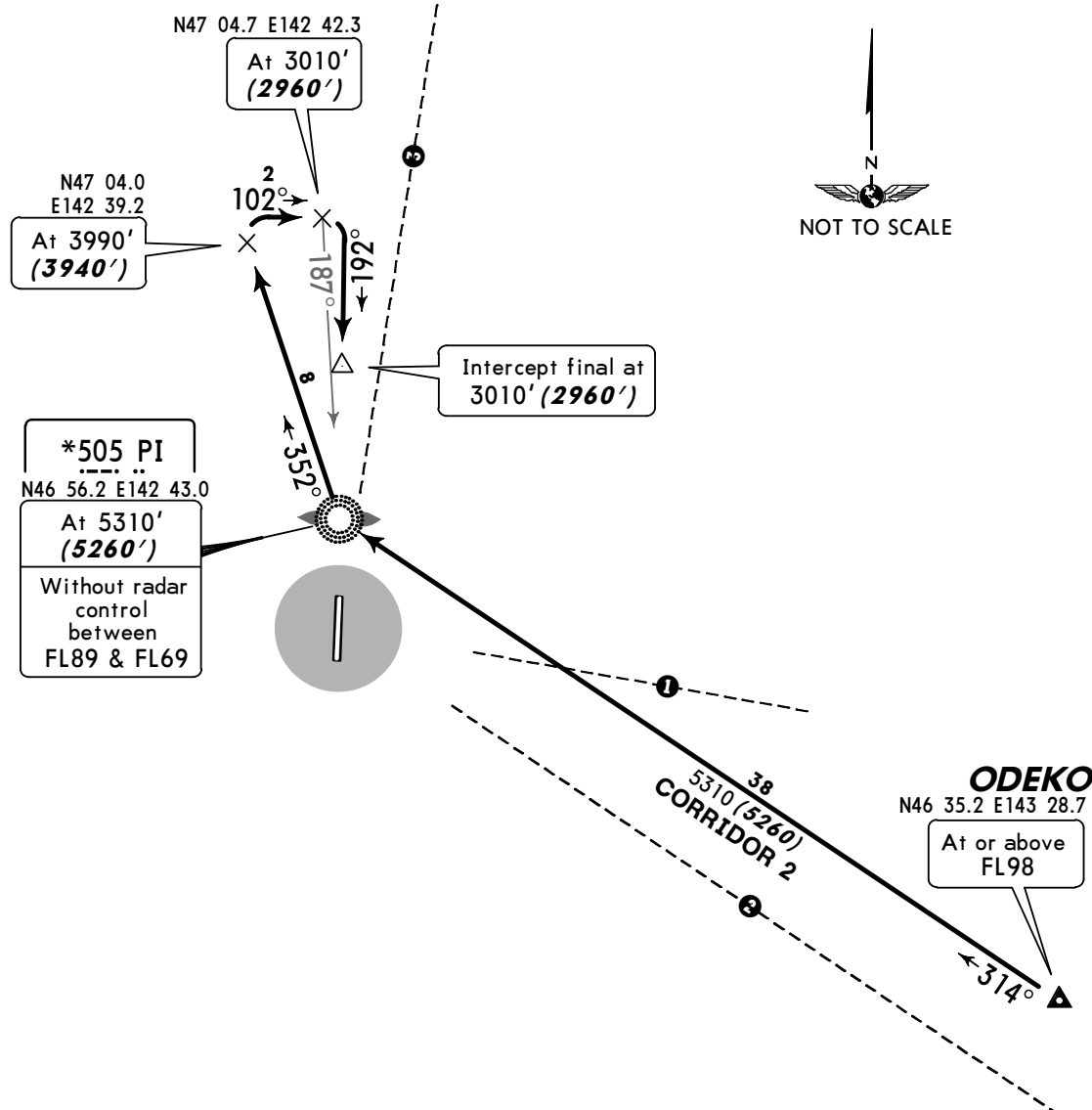
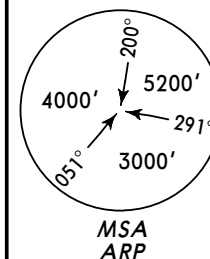
YUZHNO-SAKHALINSK, RUSSIA

STAR

ATIS 126.2	Apt Elev 59'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL69 FL79 if pressure is less than 758 mm (1010.6 hPa) FL89 if pressure is less than 731 mm (974.6 hPa). Trans alt: 5310' (5260')
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ODEKO 4
RWY 19 ARRIVAL
FROM SOUTHEAST
MAX 165 KT

CAT A & B



FL CONVERSION

FL98	FL3000m
FL89	FL2700m
FL79	FL2400m
FL69	FL2100m

ALT/HEIGHT CONVERSION

QNH	(QFE)
5310'	(5260' - 1600m)
3990'	(3940' - 1200m)
3010'	(2960' - 900m)

- 291° to ARP between 13.5 NM and 3.8 NM do not fly north below 5310' (5260').
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- 200° to ARP between 22.7 NM and 3.8 NM do not fly east below 5310' (5260').

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KHOMUTOVO

17 DEC 10

10-2D

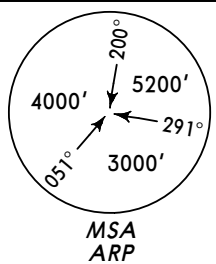
JEPPESSEN YUZHNO-SAKHALINSK, RUSSIA

STAR

ATIS
126.2

Apt Elev
59'

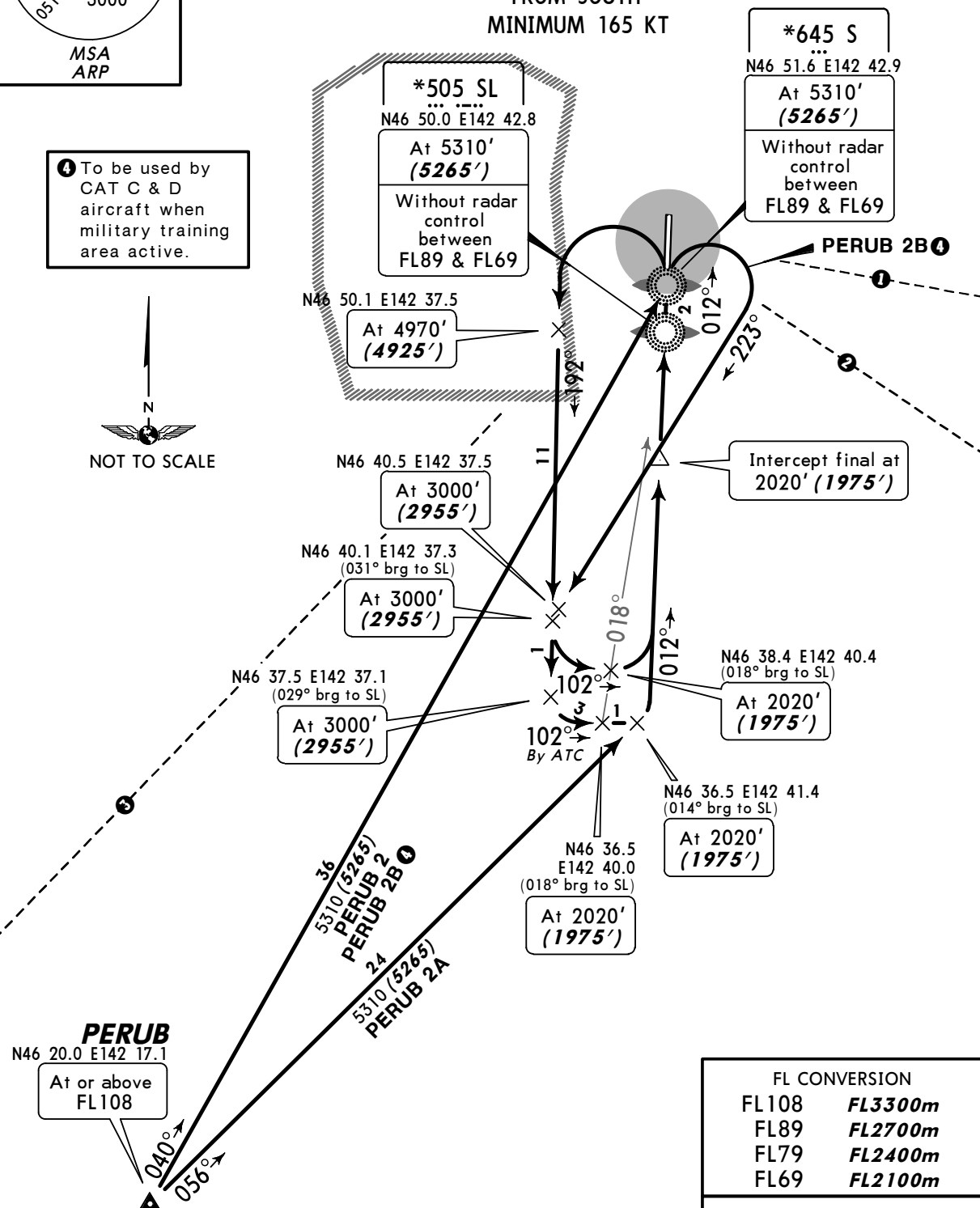
Alt Set: MM (hPa on request) QNH on request (**QFE**)
Trans level: FL69
FL79 if pressure is less than 758 mm (1010.6 hPa)
FL89 if pressure is less than 731 mm (974.6 hPa).
Trans alt: 5310' (**5265'**)



PERUB 2, PERUB 2A [PERU2A], PERUB 2B [PERU2B] ④
RWY 01 ARRIVALS

BY ATC
FROM SOUTH
MINIMUM 165 KT

④ To be used by
CAT C & D
aircraft when
military training
area active.



- ① 291° to ARP between 13.5 NM and 3.8 NM do not fly north below 5310' (**5265'**).
- ② 315° to ARP between 37.8 NM and 3.8 NM do not fly north below 3990' (**3945'**).
- ③ 055° to ARP between 37.8 NM and 8.1 NM do not fly north below 3990' (**3945'**).

FL CONVERSION	
FL108	FL3300m
FL89	FL2700m
FL79	FL2400m
FL69	FL2100m

ALT/HEIGHT CONVERSION	
QNH	(QFE)
5310'	(5265' - 1600m)
4970'	(4925' - 1500m)
3990'	(3945' - 1200m)
3000'	(2955' - 900m)
2020'	(1975' - 600m)

UHSS/UUS
KHOMUTOVO

17 DEC 10

JEPPESEN

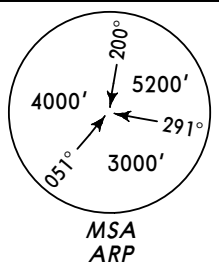
YUZHNO-SAKHALINSK, RUSSIA

STAR

ATIS
126.2

Apt Elev
59'

Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL69
 FL79 if pressure is less than 758 mm (1010.6 hPa)
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Trans alt: 5310' **(5265')**



PERUB 2, PERUB 2A RWY 01 ARRIVALS

BY ATC

FROM SOUTH
MAX 165 KT

CAT A & B

***645 S**

N46 51.6 E142 42.9

At 5310
(5265')

Without radar
control
between
FL89 & FL69

***505 SL**

N46 50.0 E142 42.8

At 5310'
(5265')

Without radar
control
between
El 89.8 & El 6

At 4970'
(4925')

N46 41.8 E142 39.1
(027° brg to SL)

At 3000'
(2955')

N46 40.0 E142 39.1
(024° brg to SL)

At 3000'
(2955')

Intercept final at
2020' (**1975'**)

N46 41.0 E142 41.7
(018° brg to SL)

At 2020
(1975',

N46 38.4 E142 41.4
(016° brg to SL)

At 2020'
(1975')

N46 36.5 E142 41.4
(014° brg to SL)

At 2020'
(1975')

PERUB
N46 20.0 E142 17.1

At or above
FL108

- ➊ 291° to ARP between 13.5 NM and 3.8 NM do not fly north below 5310' (**5265'**).
- ➋ 315° to ARP between 37.8 NM and 3.8 NM do not fly north below 3990' (**3945'**).
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FL CONVERSION

FL108	<i>FL3300m</i>
FL89	<i>FL2700m</i>
FL79	<i>FL2400m</i>
FL69	<i>FL2100m</i>

ALT/HEIGHT CONVERSION

QNH	(QFE)
5310'	(5265' - 1600m)
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2020'	(1975' - 600m)

UHSS/UUS
KHOMUTOVO

8 OCT 10

10-2F

JEPPESEN

YUZHNO-SAKHALINSK, RUSSIA

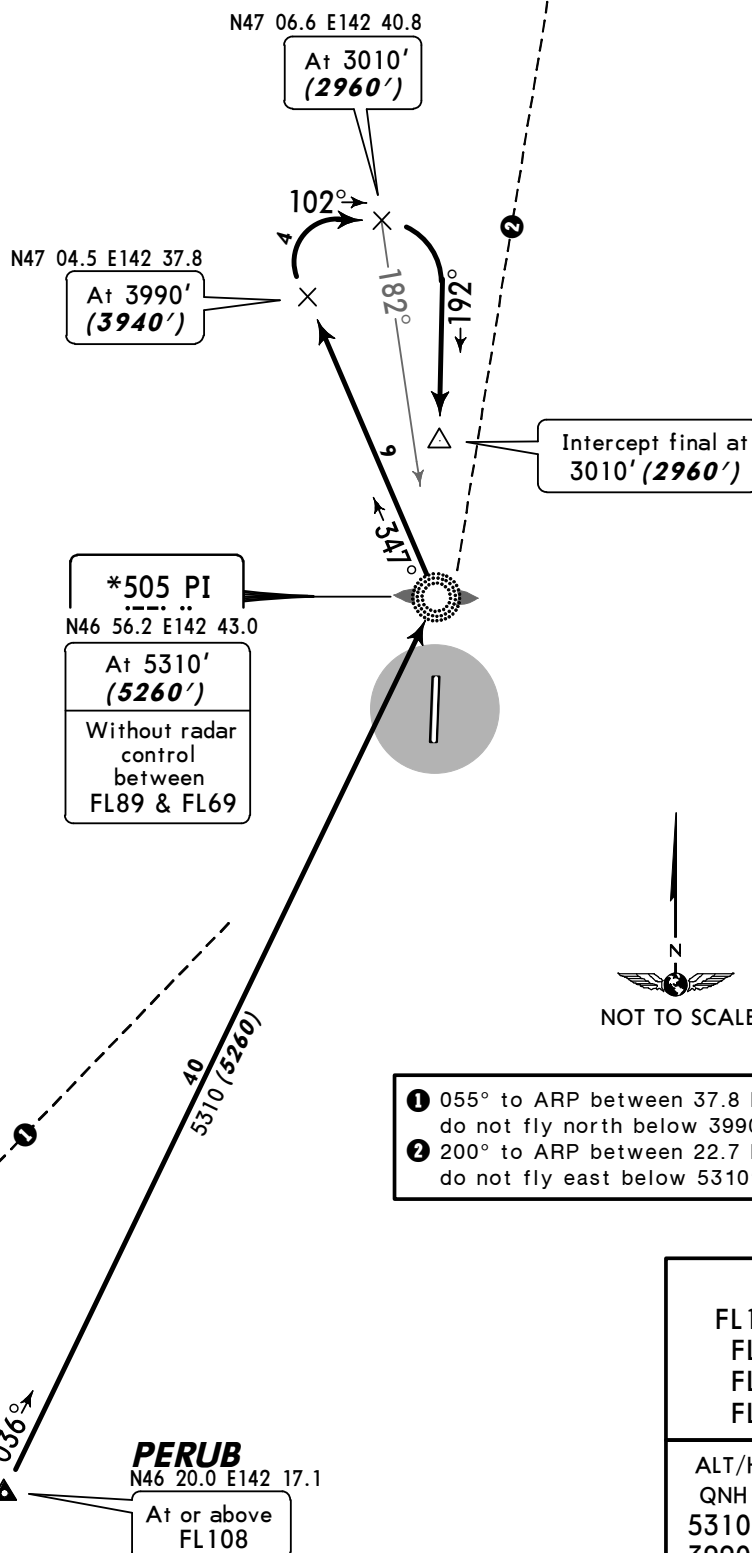
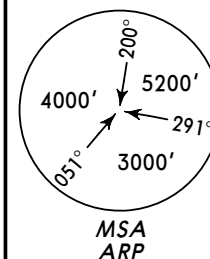
STAR

ATIS
126.2

Apt Elev
59'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL69
FL79 if pressure is less than 758 mm (1010.6 hPa)
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Trans alt: 5310' (5260')

PERUB 4
RWY 19 ARRIVAL
FROM SOUTH
MINIMUM 165 KT
BY ATC



- ① 055° to ARP between 37.8 NM and 8.1 NM do not fly north below 3990' (3940').
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FL CONVERSION	
FL108	FL3300m
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ALT/HEIGHT CONVERSION	
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5310'	(5260' - 1600m)
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UHSS/UUS
KHOMUTOVO

8 OCT 10

JEPPesen
(10-2G)

YUZHNO-SAKHALINSK, RUSSIA

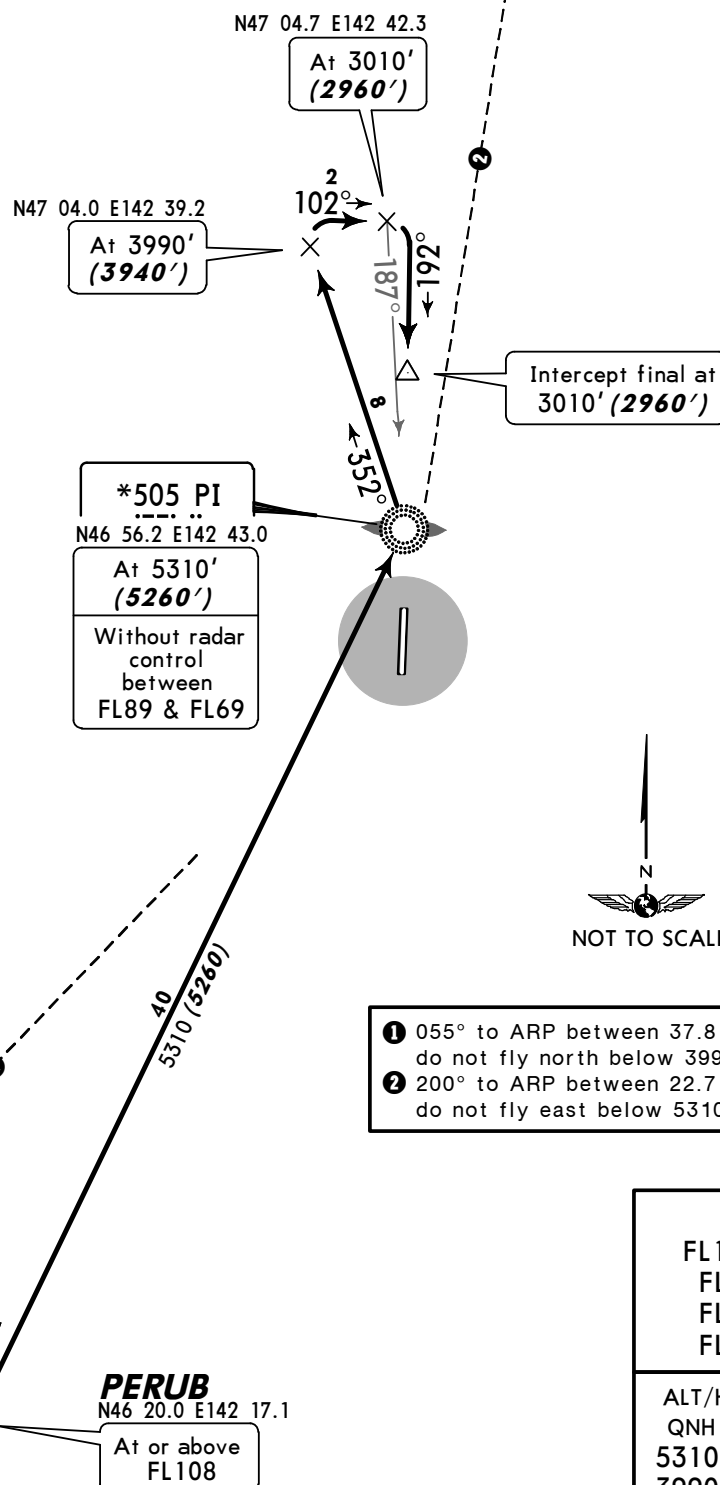
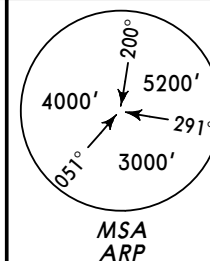
STAR

ATIS
126.2

Apt Elev
59'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL69
FL79 if pressure is less than 758 mm (1010.6 hPa)
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PERUB 4
RWY 19 ARRIVAL
FROM SOUTH
MAX 165 KT
BY ATC
CAT A & B



- 055° to ARP between 37.8 NM and 8.1 NM do not fly north below 3990' (3940').
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UHSS/UUS
KHOMUTOVO

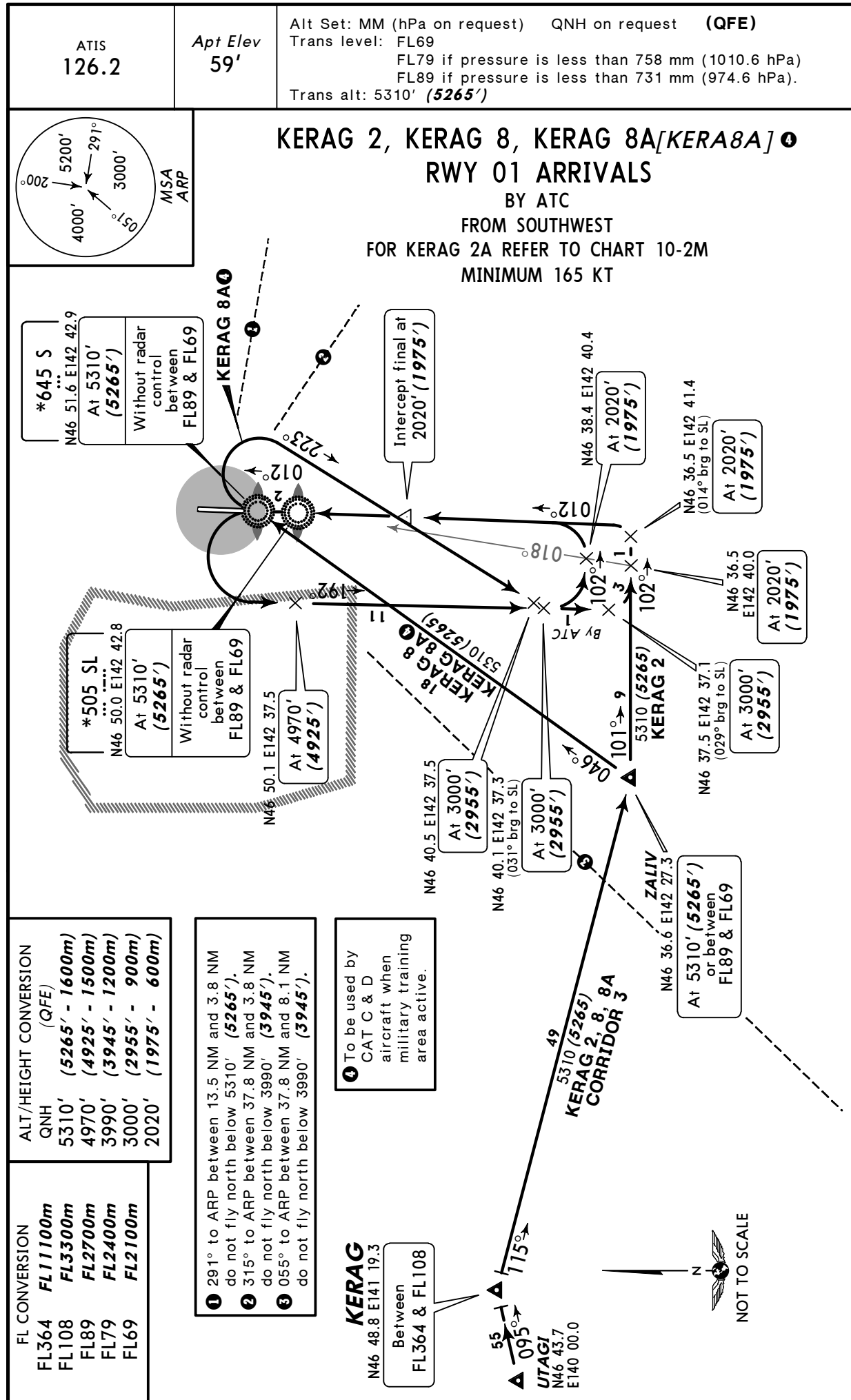
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10-2H

JEPPESSEN

YUZHNO-SAKHALINSK, RUSSIA

STAR



UHSS/UUS
KHOMUTOVO

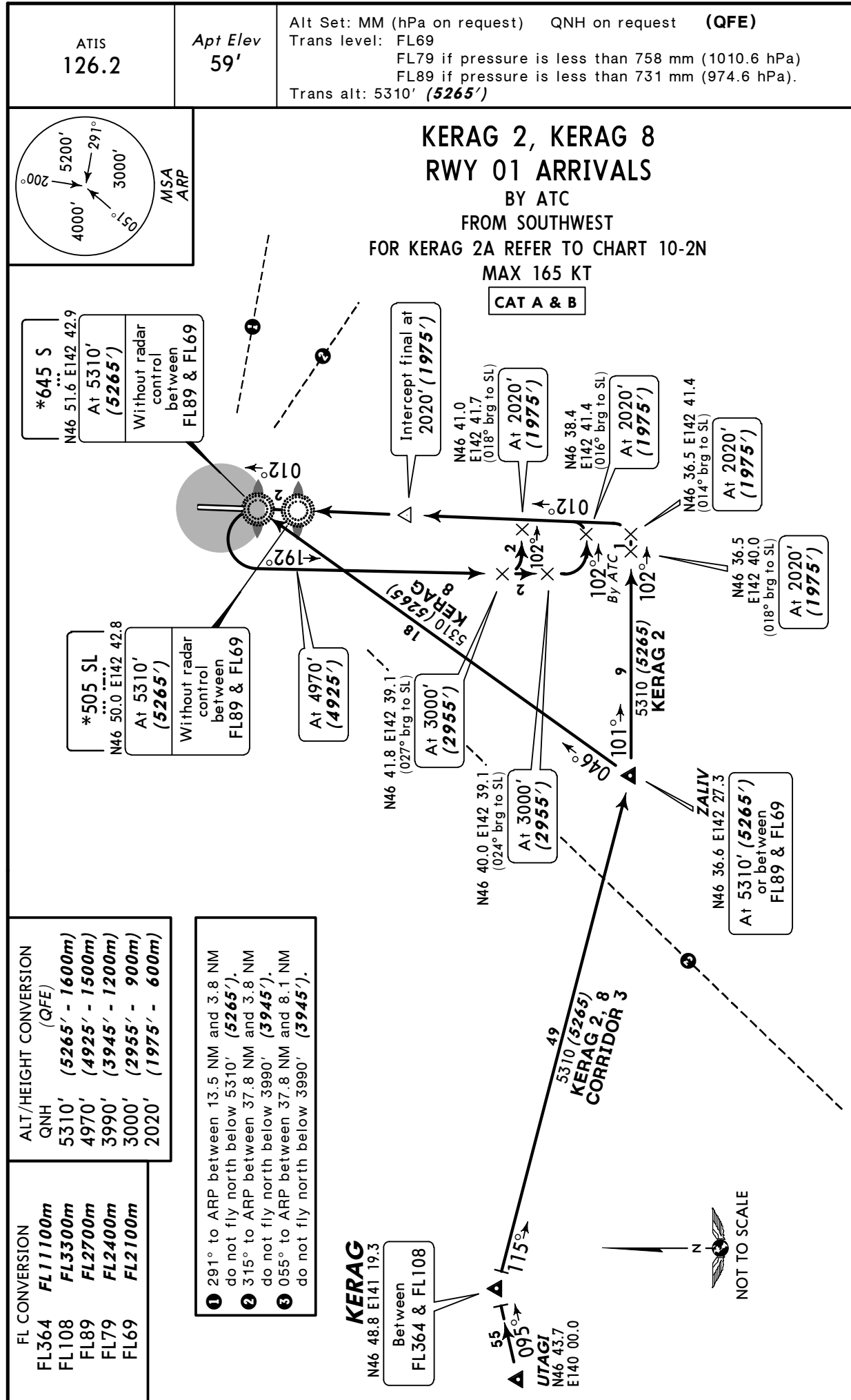
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10-2J

JEPPesen

YUZHNO-SAKHALINSK, RUSSIA

STAR



UHSS/UUS
KHOMUTOVO

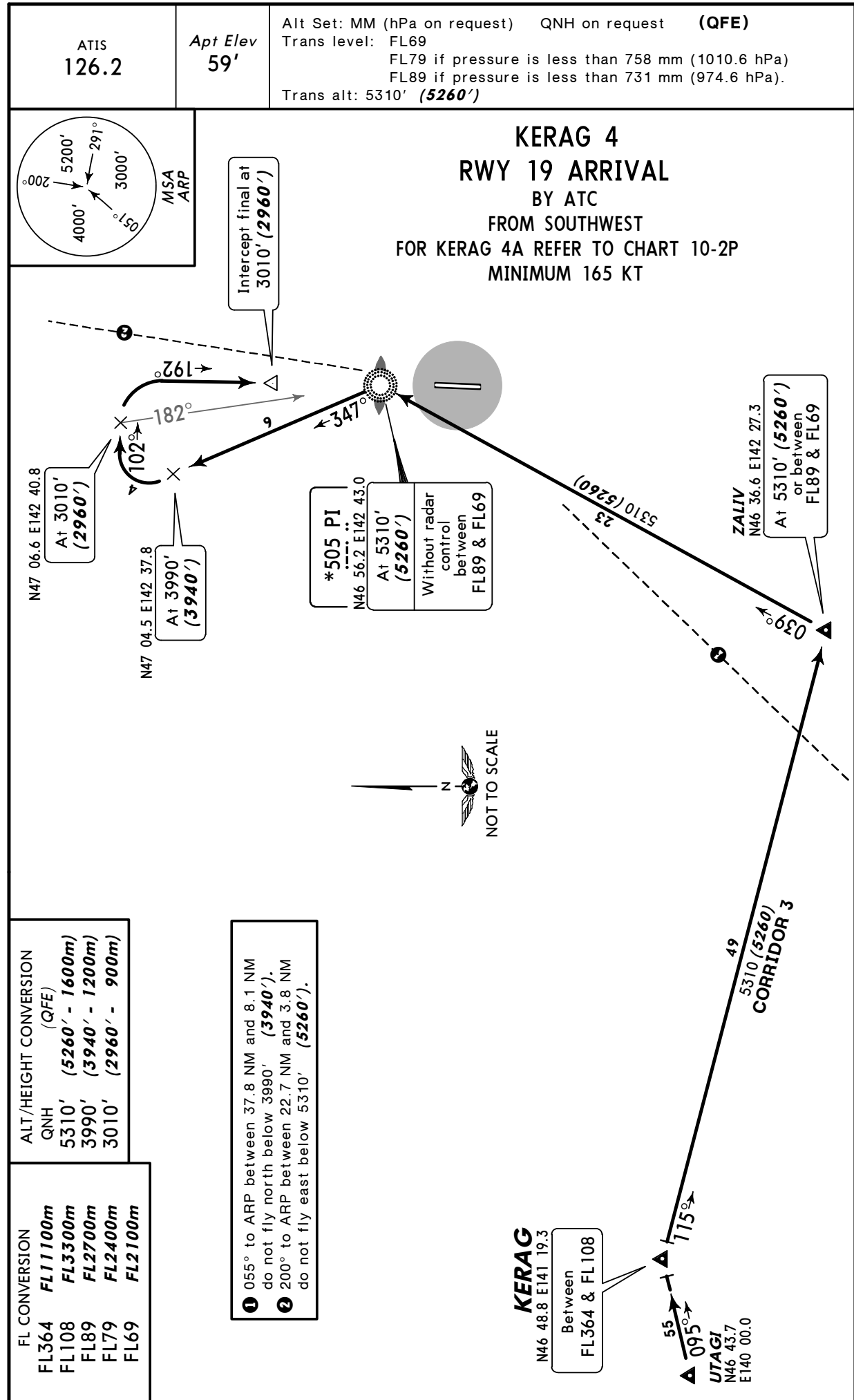
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10-2K

JEPPESSEN

YUZHNO-SAKHALINSK, RUSSIA

STAR



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KHOMUTOVO

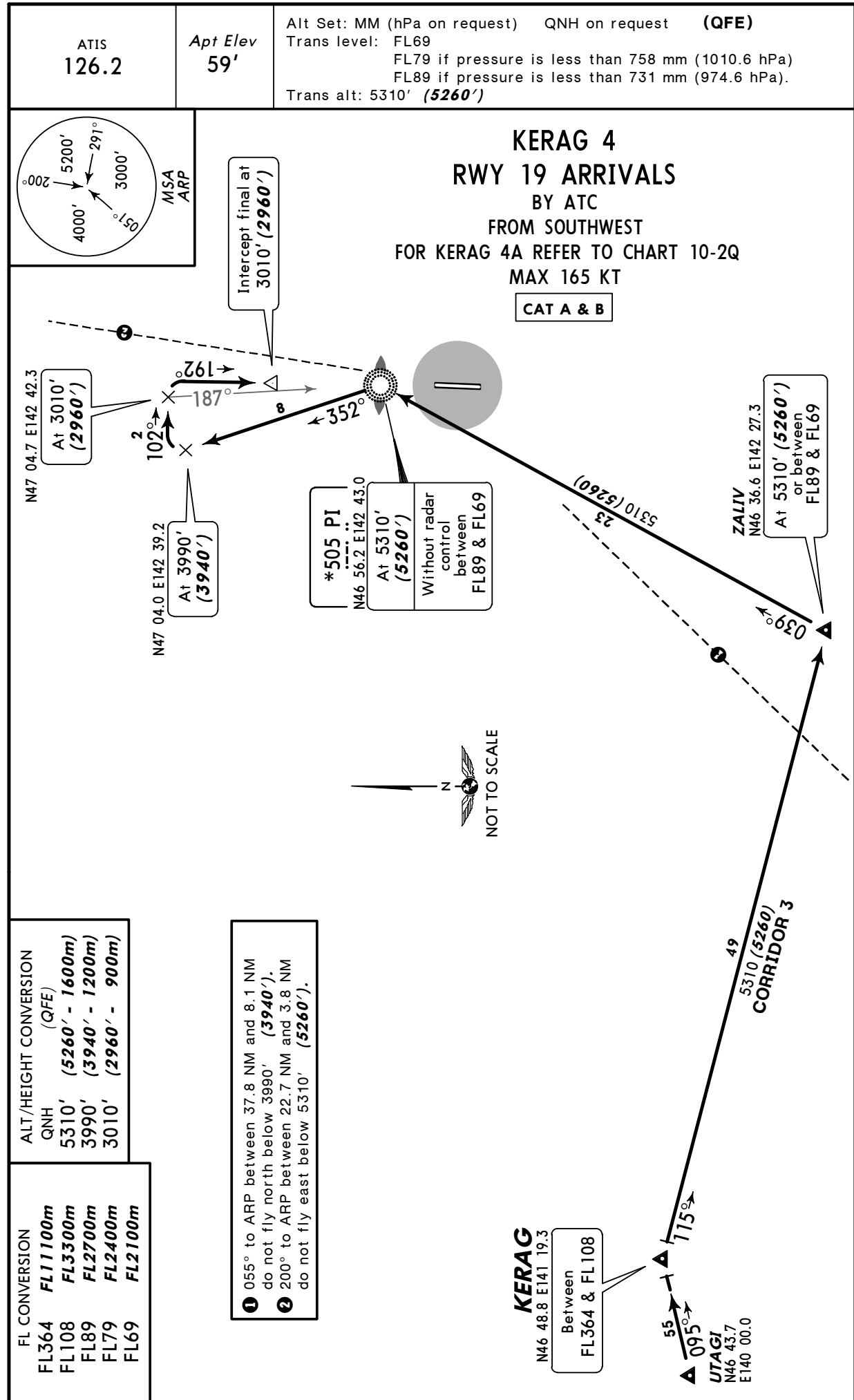
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10-2L

JEPPesen

YUZHNO-SAKHALINSK, RUSSIA

STAR



UHSS/UUS
 KHOMUTOVO

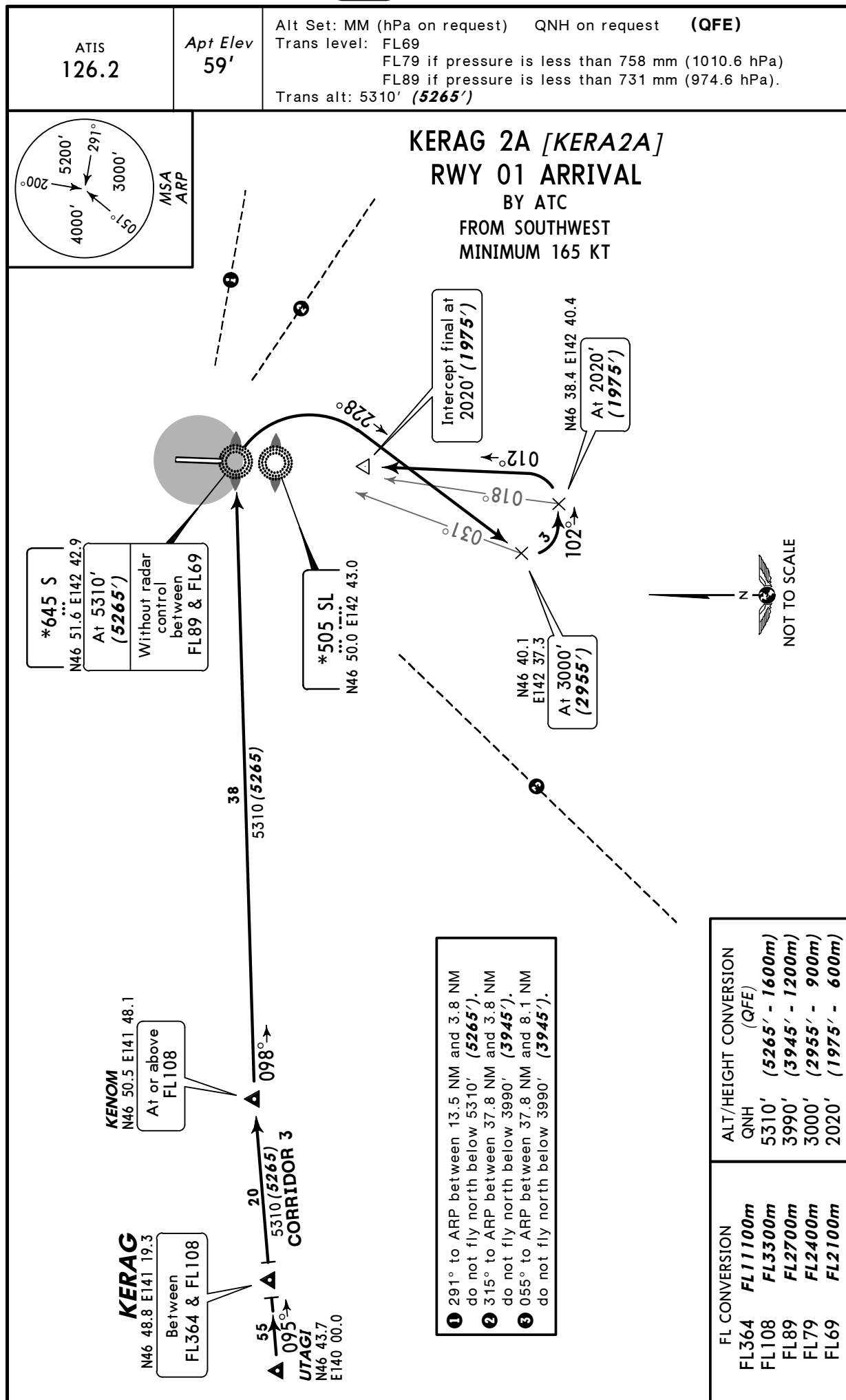
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(10-2M)

JEPPESSEN

YUZHNO-SAKHALINSK, RUSSIA

STAR



UHSS/UUS
KHOMUTOVO

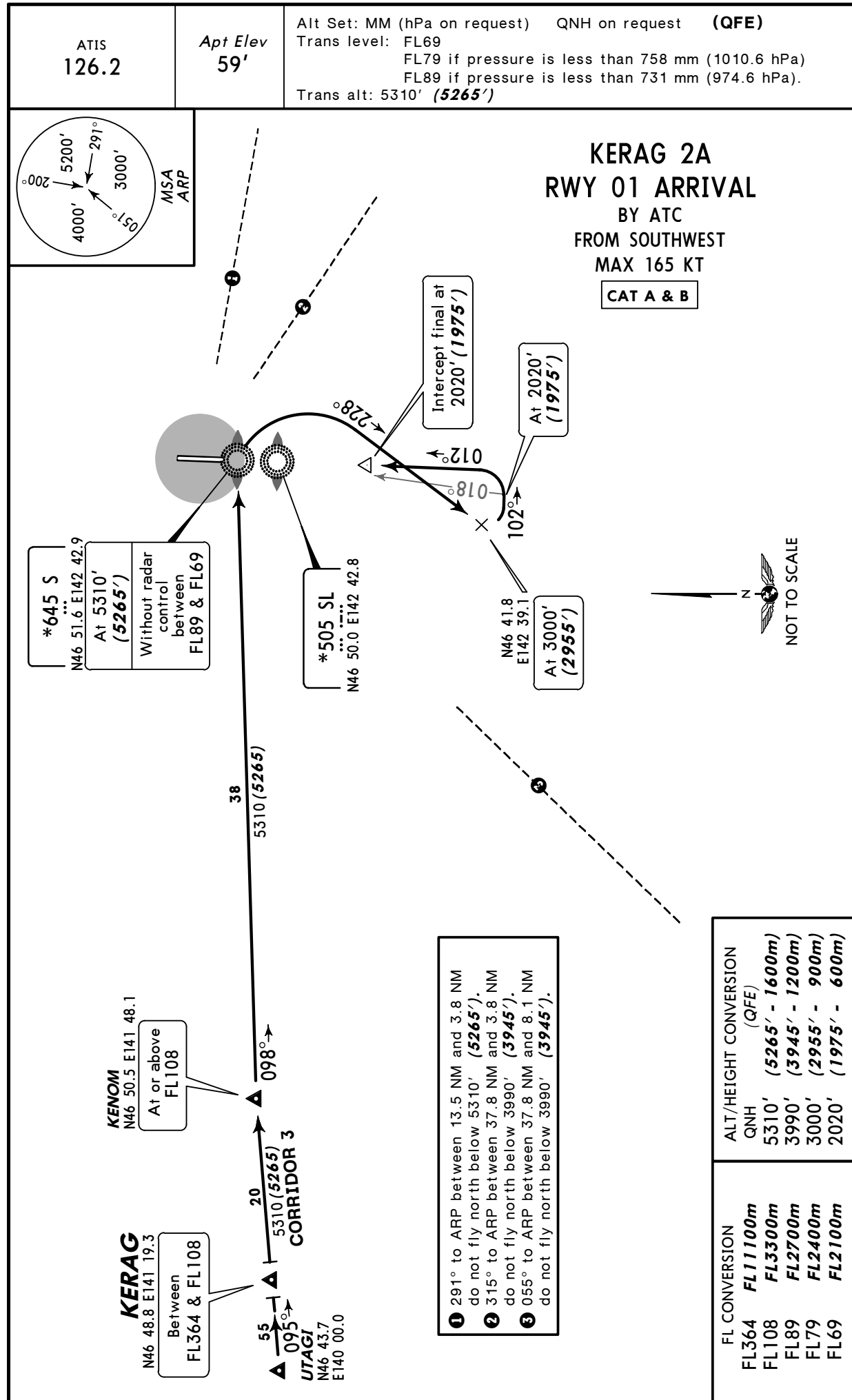
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(10-2N)

JEPPesen

YUZHNO-SAKHALINSK, RUSSIA

STAR



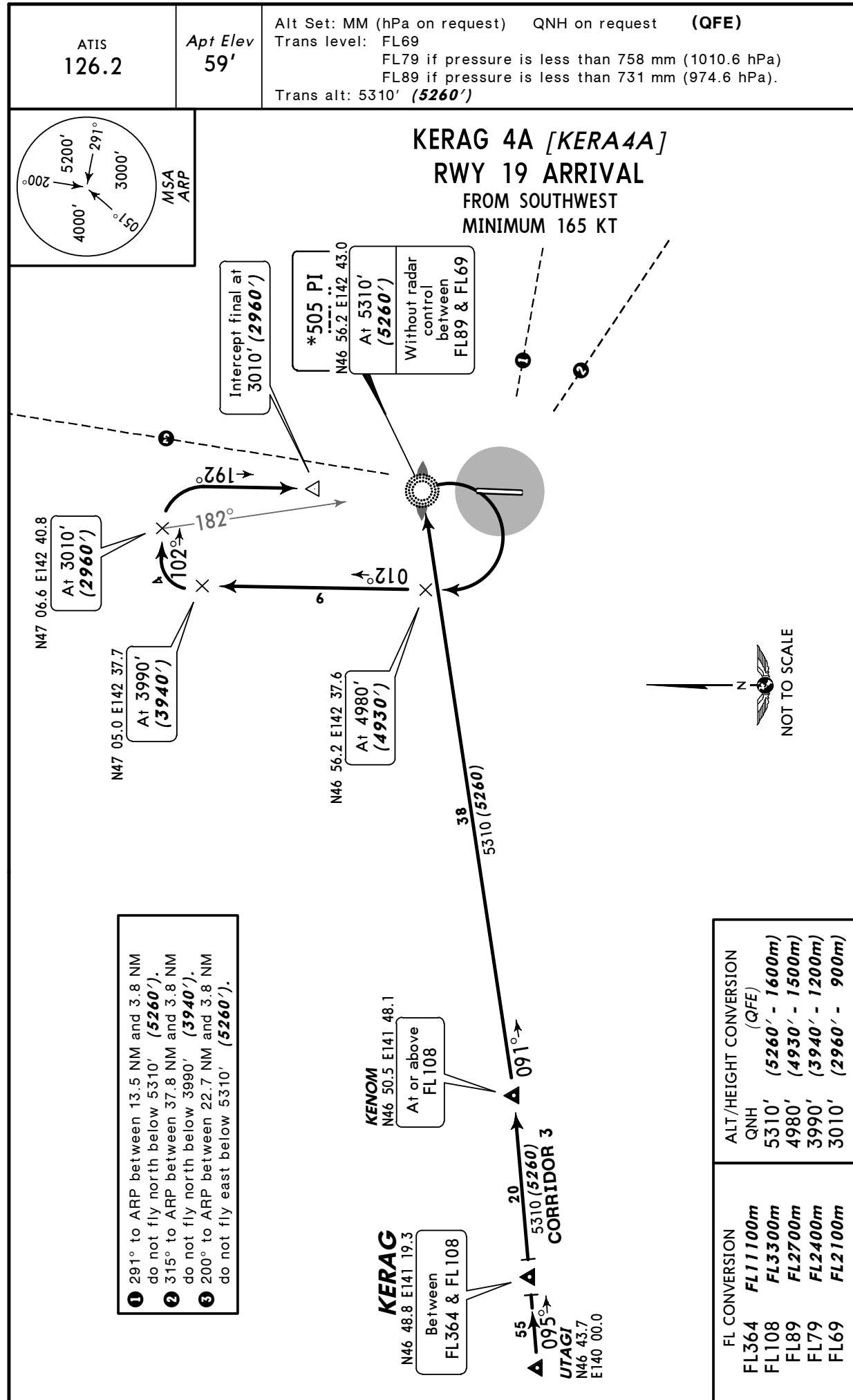
UHSS/UUS
KHOMUTOVO

17 DEC 10

10-2P

JEPPesen YUZHNO-SAKHALINSK, RUSSIA

STAR

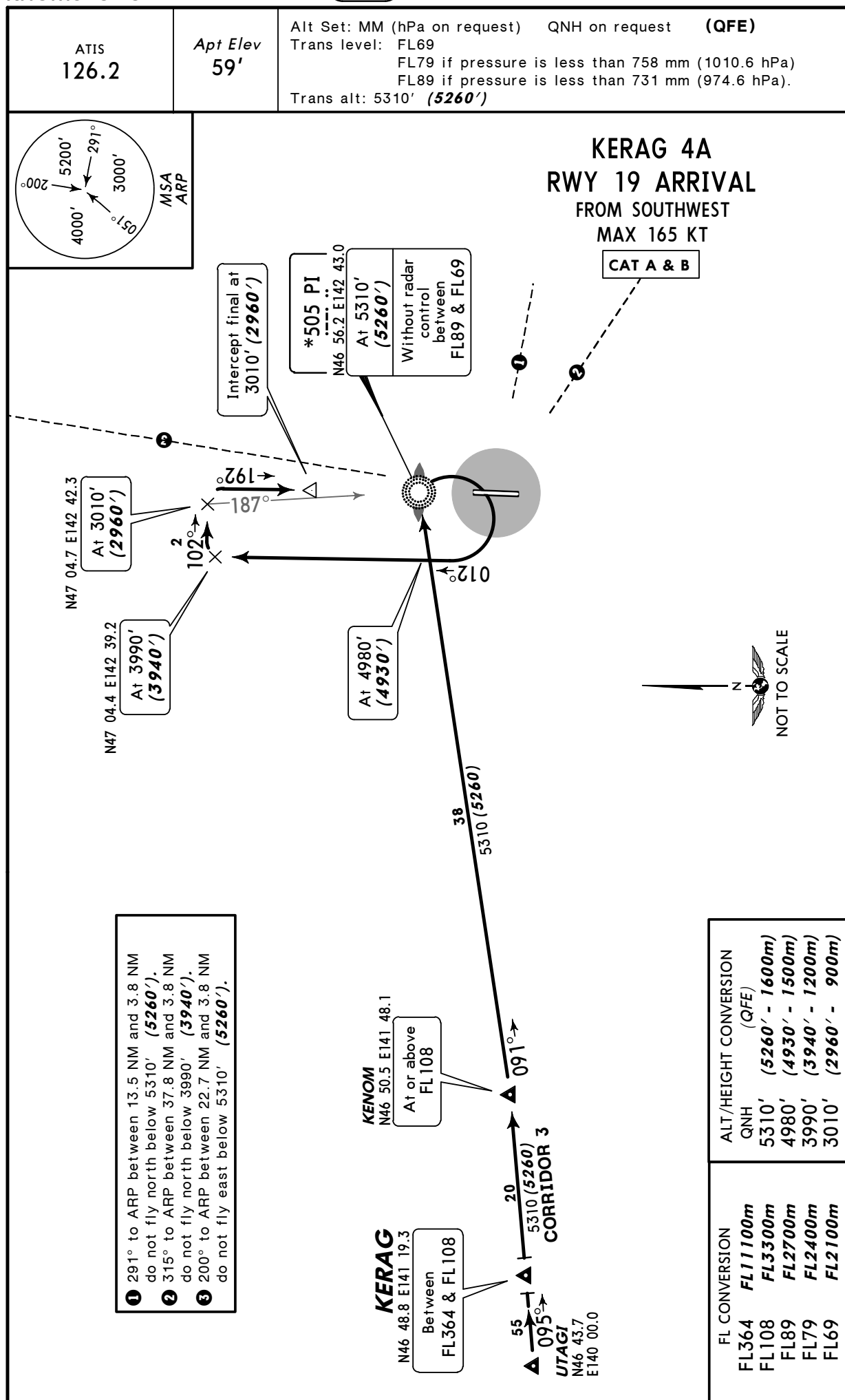


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 KHOMUTOVO

17 DEC 10 **10-2Q**

JEPPesen YUZHNO-SAKHALINSK, RUSSIA

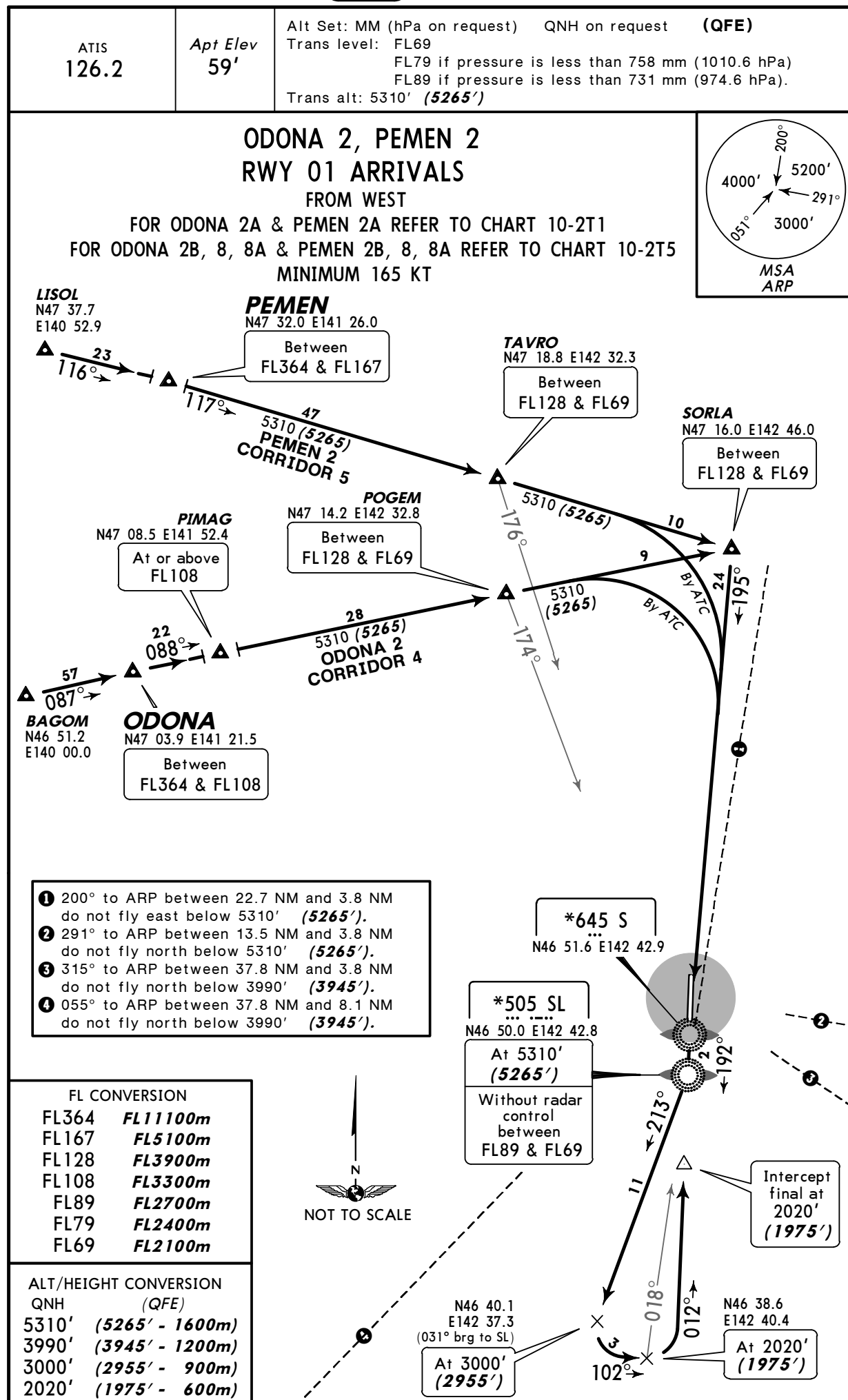
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KHOMUTOVO

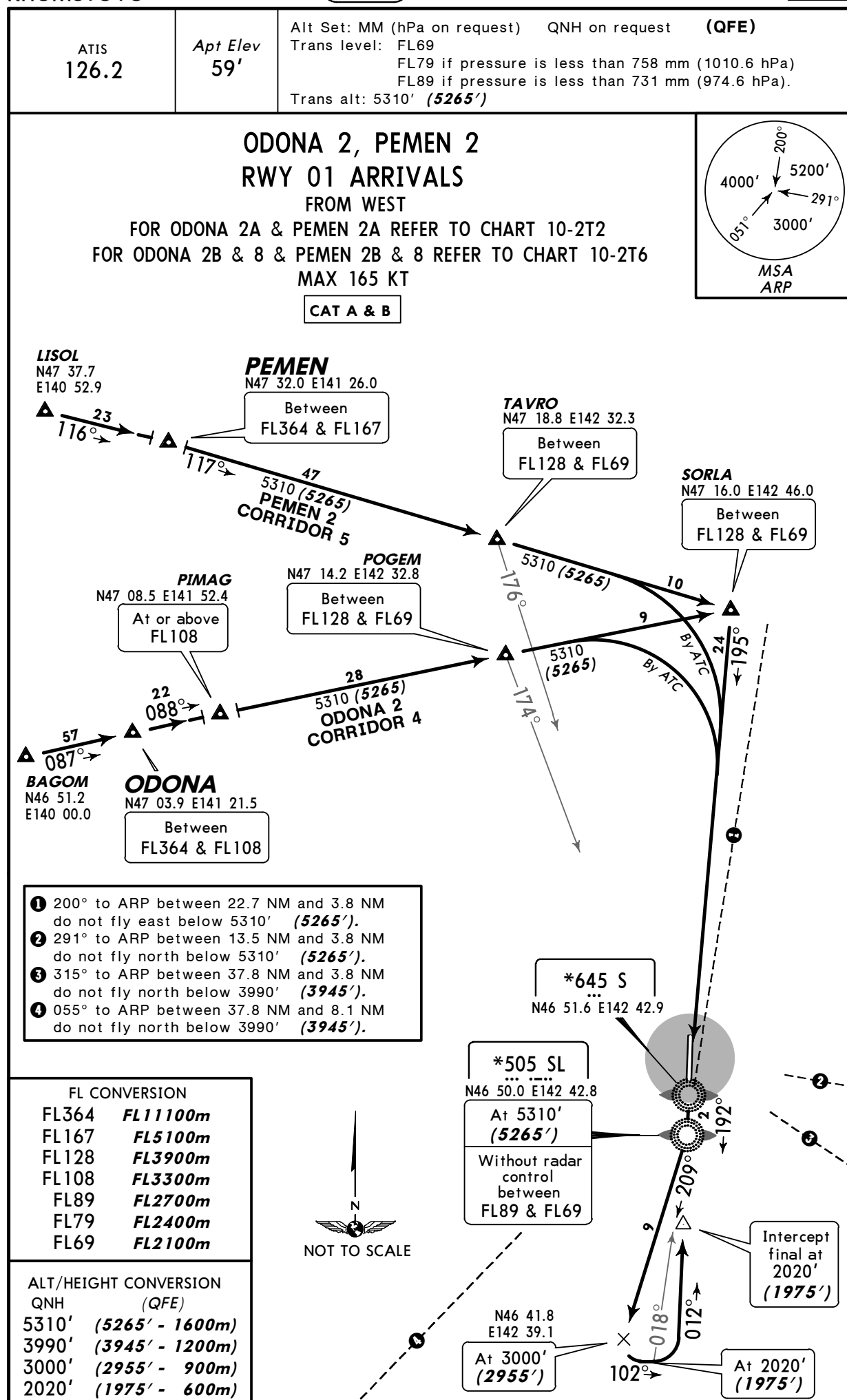
17 DEC 10

(10-2Q1)

JEPPESEN**YUZHNO-SAKHALINSK, RUSSIA****STAR**

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17 DEC 10

(10-2Q2)**JEPPESSEN****YUZHNO-SAKHALINSK, RUSSIA****STAR**

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KHOMUTOVO

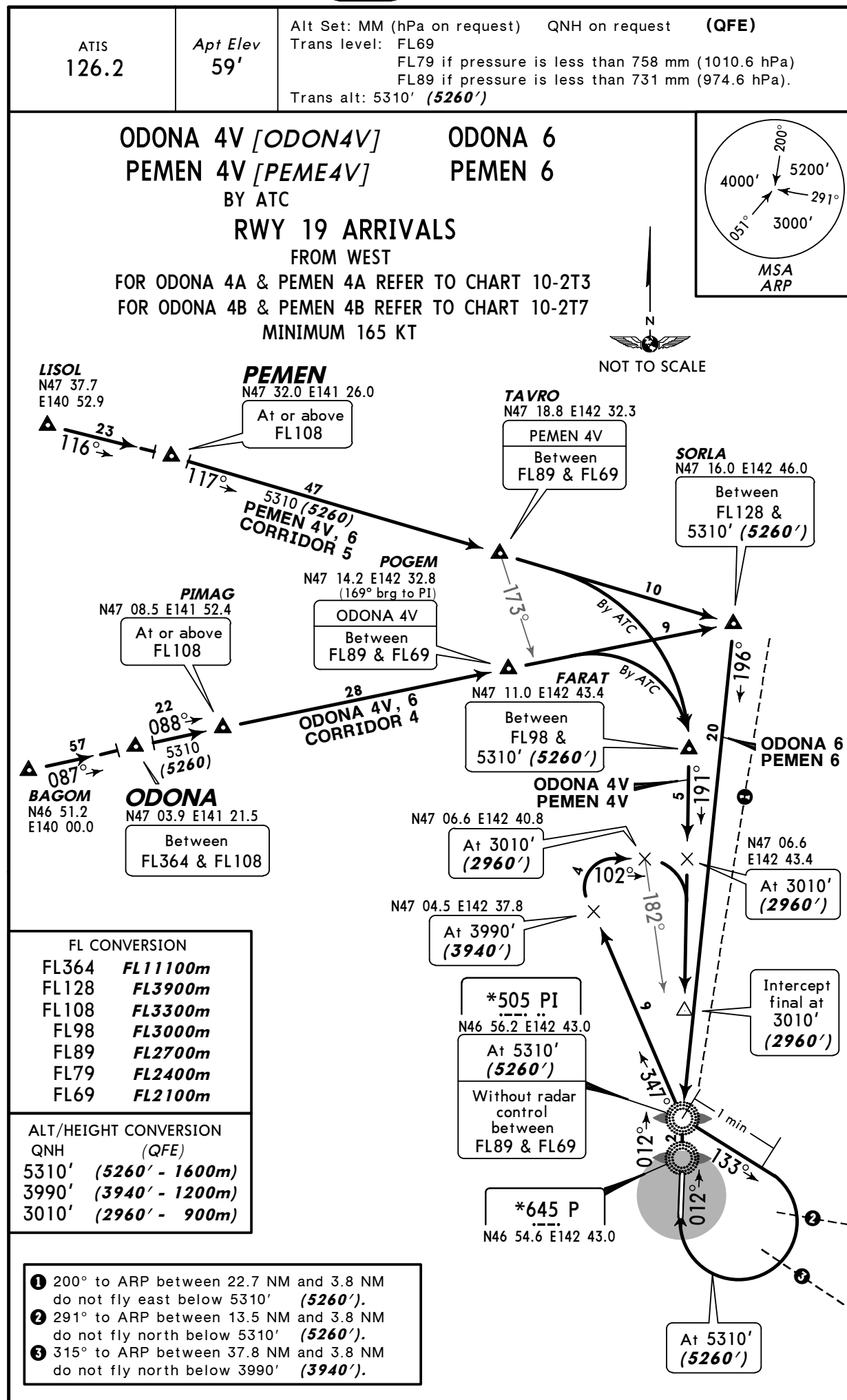
17 DEC 10

10-2S

JEPPESSEN

YUZHNO-SAKHALINSK, RUSSIA

STAR

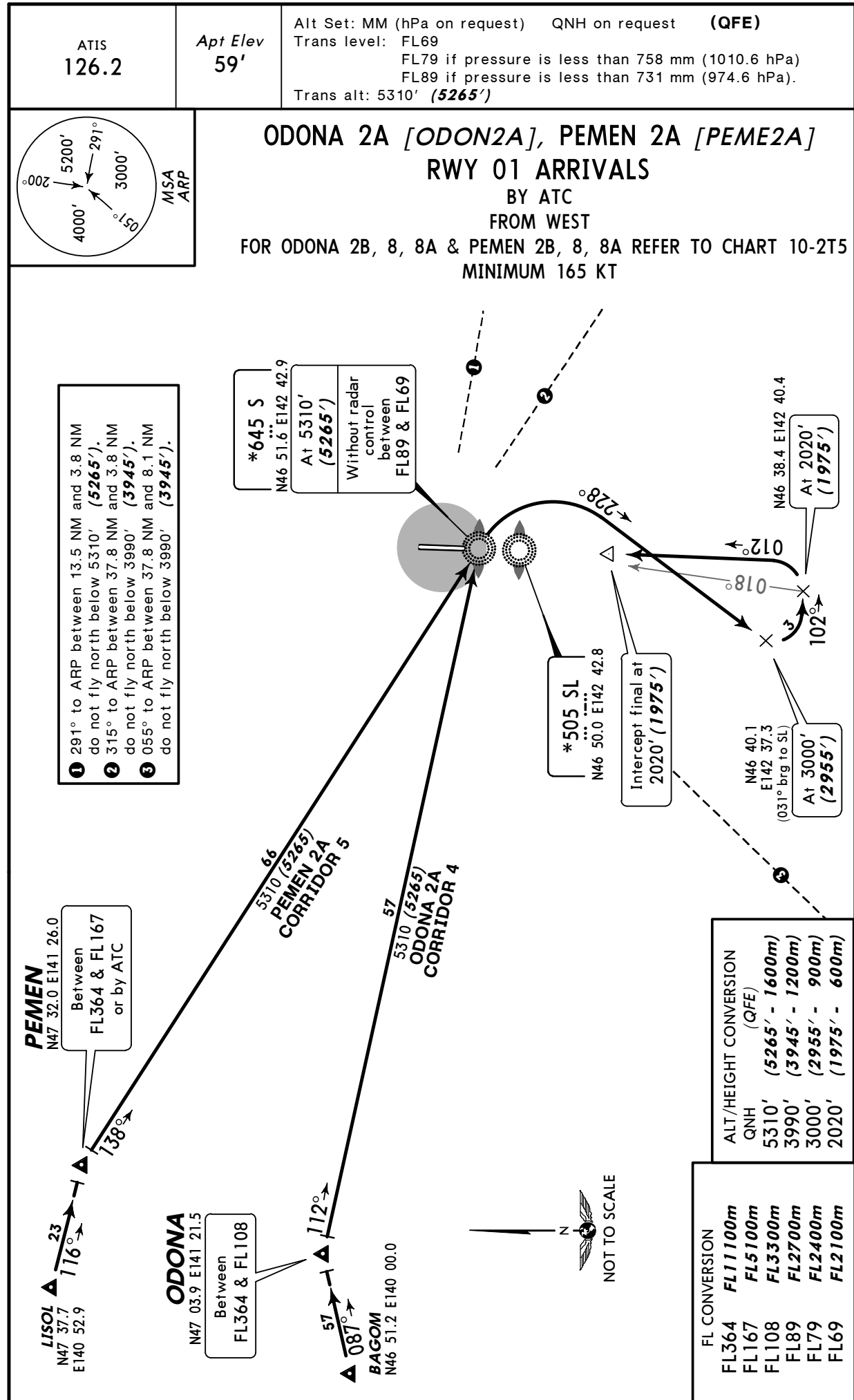


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KHOMUTOVO

17 DEC 10 **10-2T1**

JEPPESSEN YUZHNO-SAKHALINSK, RUSSIA

STAR



UHSS/UUS
KHOMUTOVO

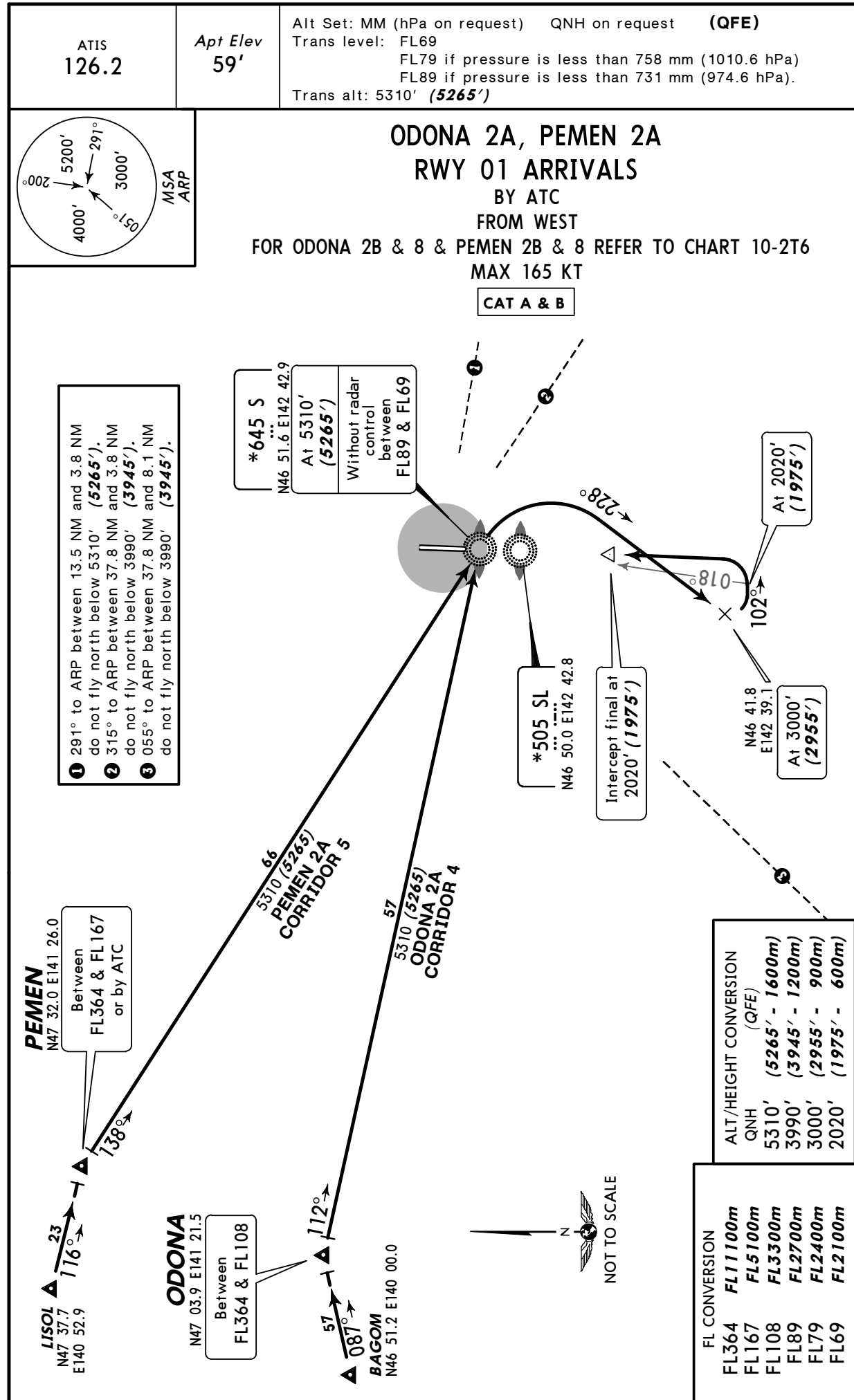
17 DEC 10

10-2T2

JEPPESSEN

YUZHNO-SAKHALINSK, RUSSIA

STAR



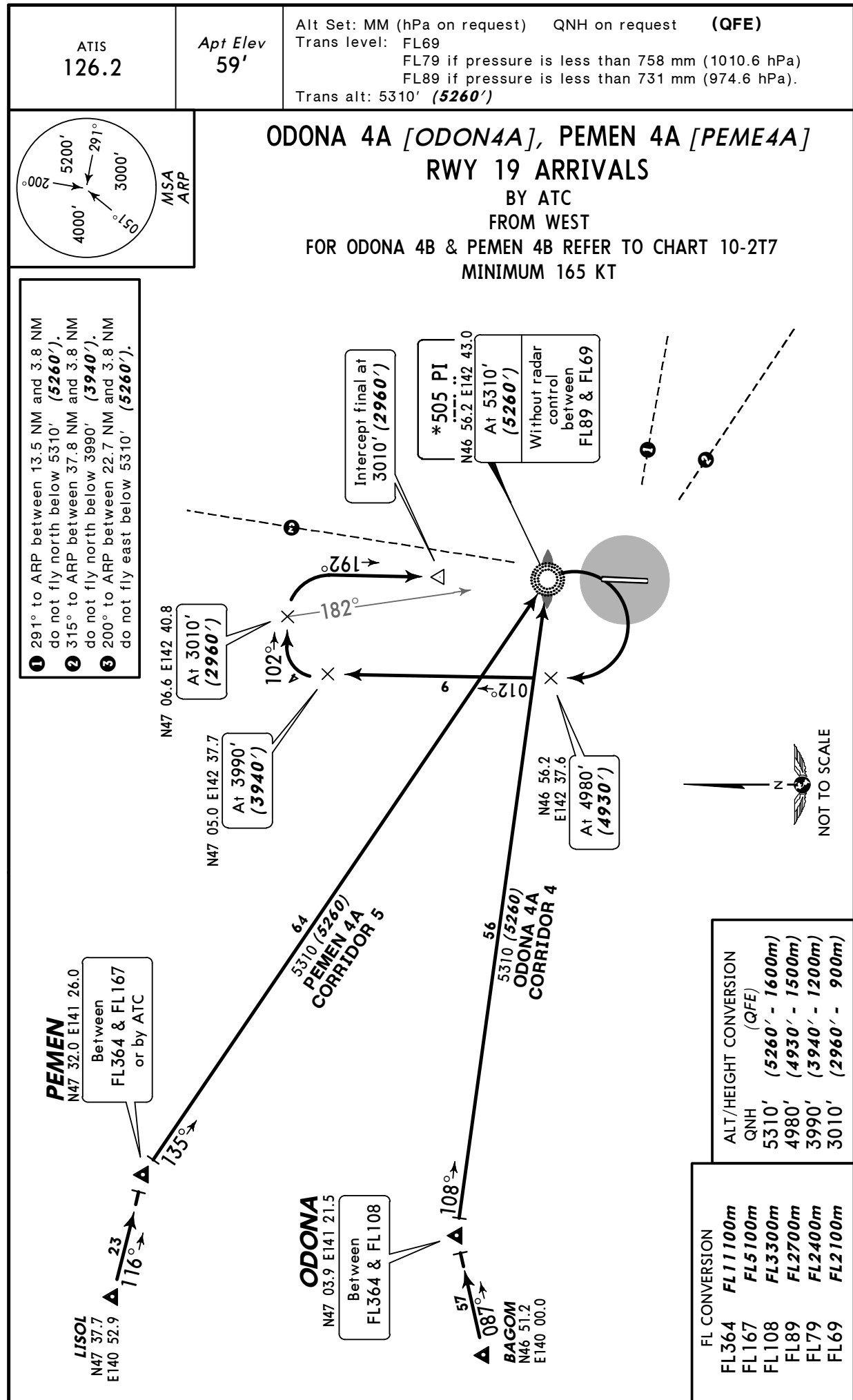
UHSS/UUS
KHOMUTOVO

17 DEC 10 **10-2T3**

JEPPesen

YUZHNO-SAKHALINSK, RUSSIA

STAR



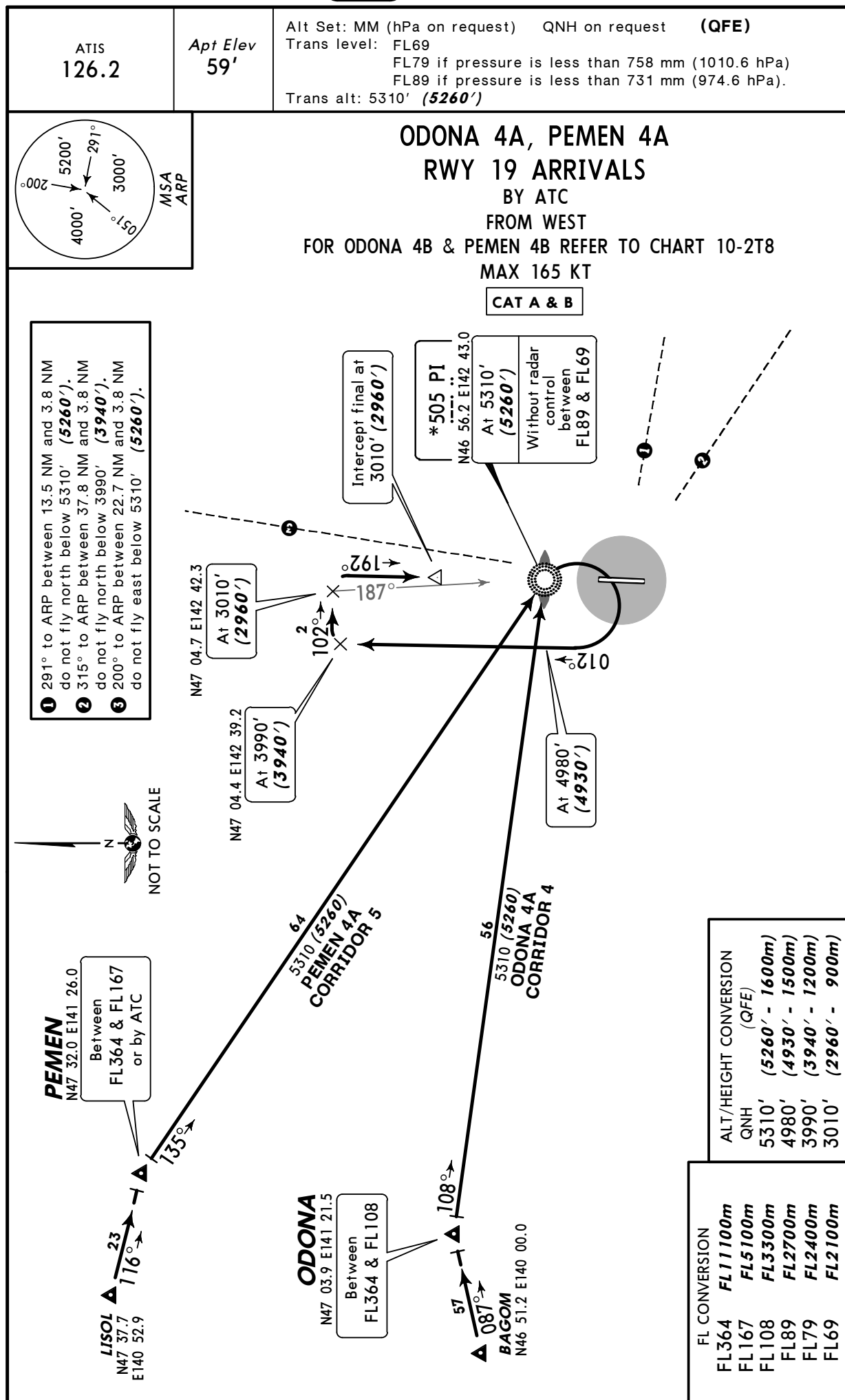
UHSS/UUS
 KHOMUTOVO

17 DEC 10 **10-2T4**

JEPPESSEN

YUZHNO-SAKHALINSK, RUSSIA

STAR



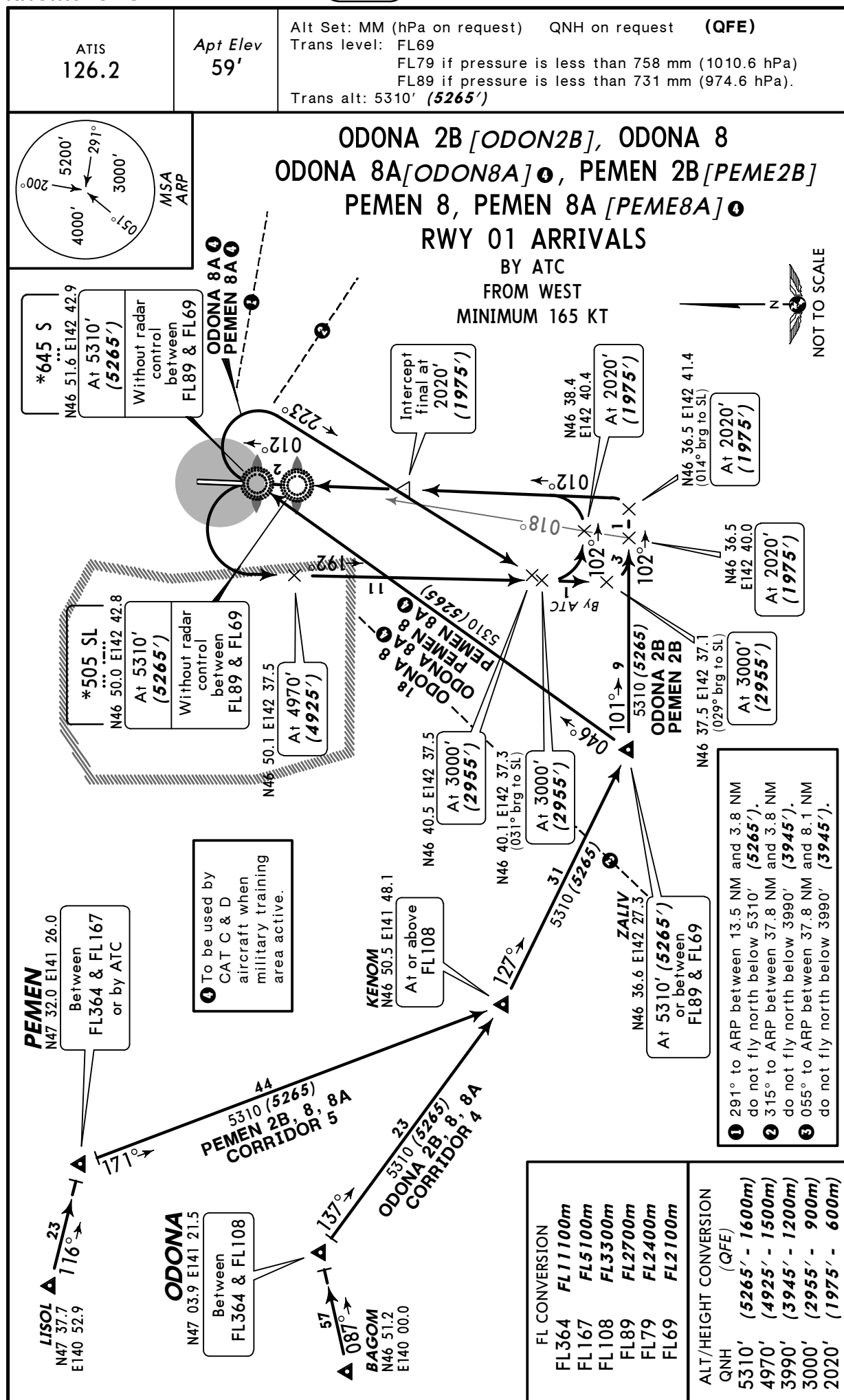
UHSS/UUS
KHOMUTOVO

17 DEC 10 **10-2T5**

JEPPesen

YUZHNO-SAKHALINSK, RUSSIA

STAR


 Between
 FL364 & FL167
 or by ATC
PEMEN
 N47 32.0 E141 26.0

 Between
 FL364 & FL167
 or by ATC
PEMEN
 N47 32.0 E141 26.0

 Between
 FL364 & FL167
 or by ATC
PEMEN
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 or by ATC
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 or by ATC
PEMEN
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 Between
 FL364 & FL167
 or by ATC
PEMEN
 N47 32.0 E141 26.0

 Between
 FL364 & FL167
 or by ATC
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 or by ATC
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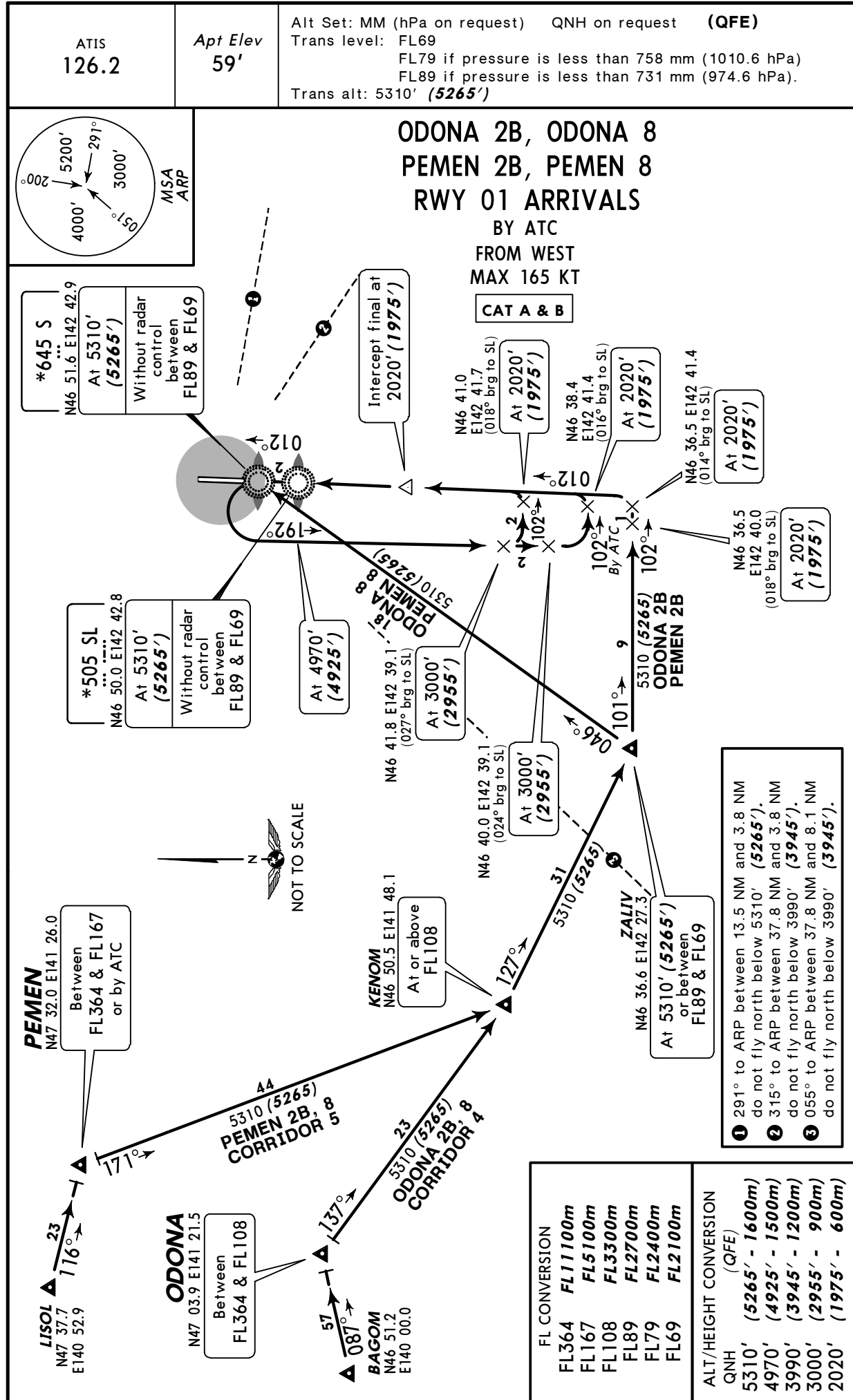
UHSS/UUS
KHOMUTOVO

17 DEC 10 **(10-2T6)**

JEPPESSEN

YUZHNO-SAKHALINSK, RUSSIA

STAR



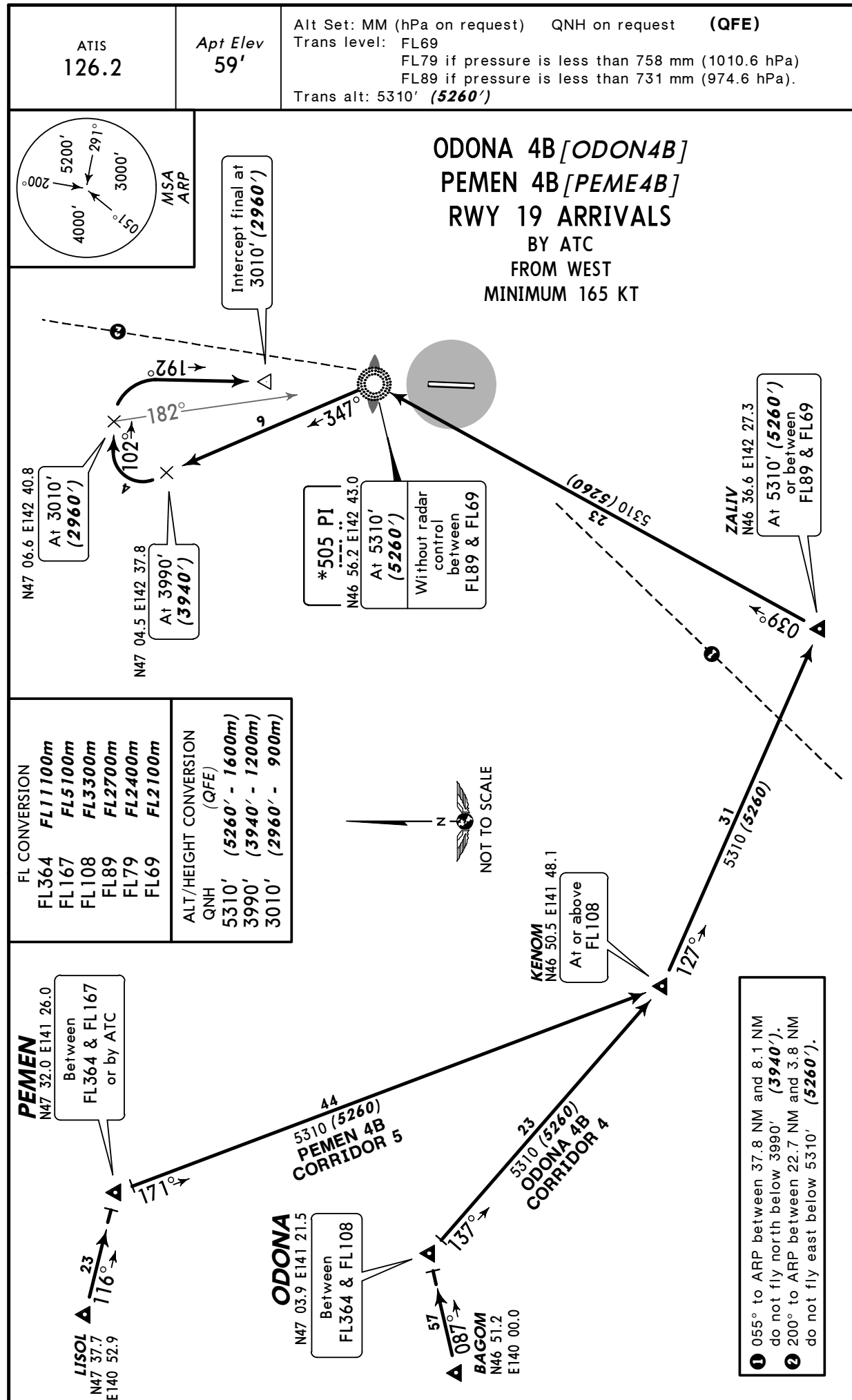
UHSS/UUS
KHOMUTOVO

17 DEC 10 **(10-2T7)**

JEPPESSEN

YUZHNO-SAKHALINSK, RUSSIA

STAR



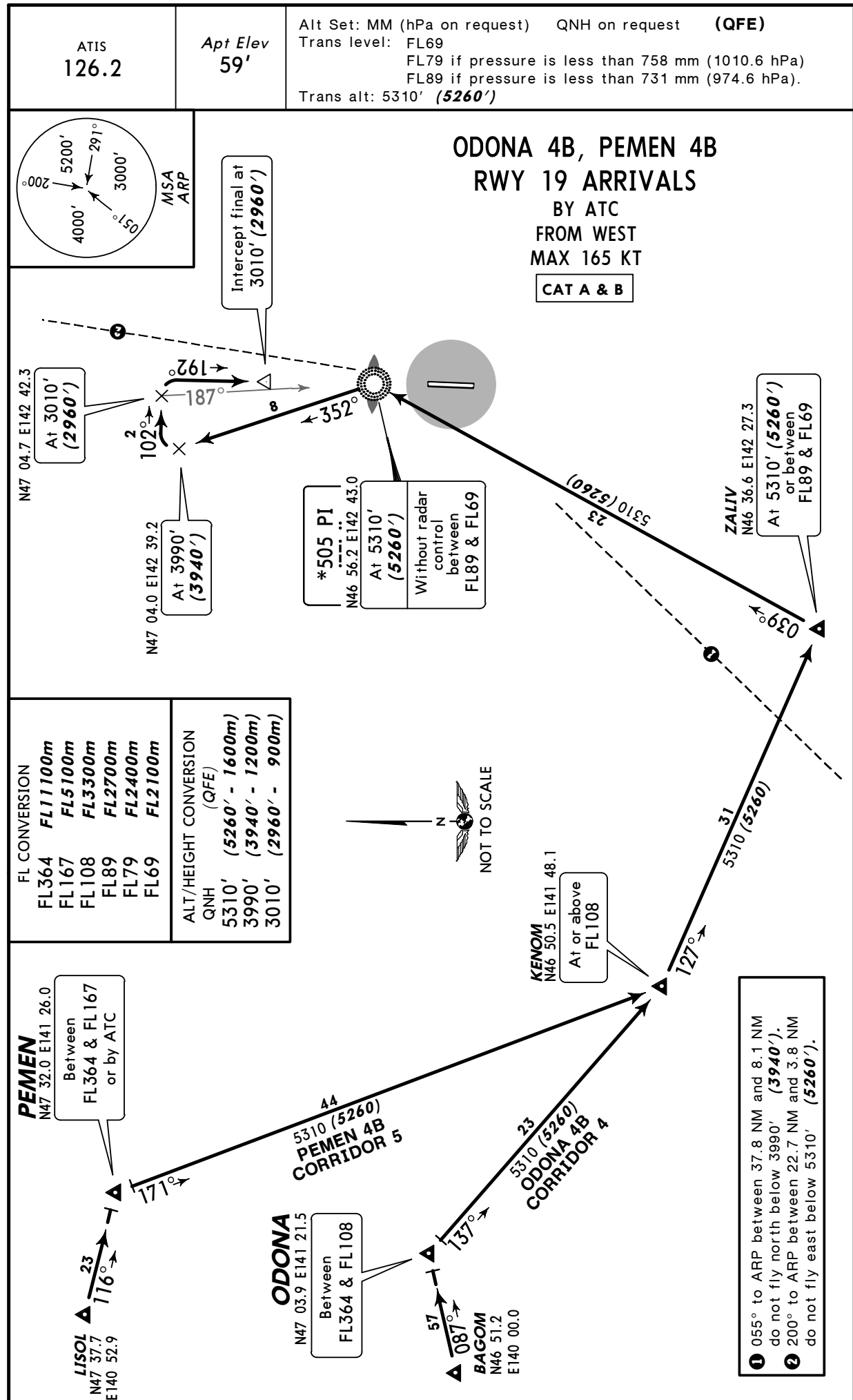
UHSS/UUS
KHOMUTOVO

17 DEC 10 **(10-2T8)**

JEPPESSEN

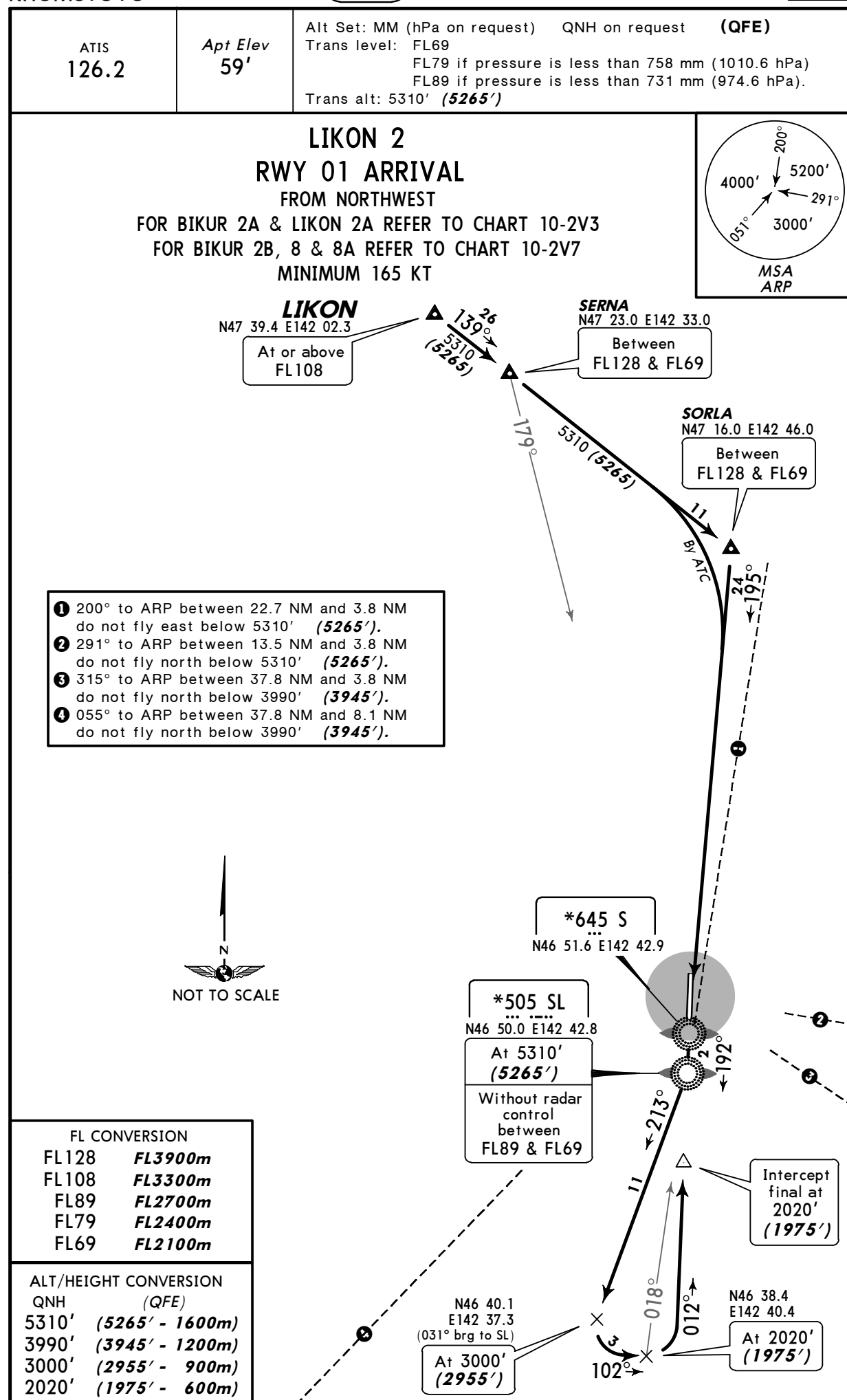
YUZHNO-SAKHALINSK, RUSSIA

STAR



UHSS/UUS
KHOMUTOVO

17 DEC 10

10-2U**JEPPESSEN****YUZHNO-SAKHALINSK, RUSSIA****STAR**

UHSS/UUS
KHOMUTOVO

17 DEC 10

10-2V**JEPPESSEN****YUZHNO-SAKHALINSK, RUSSIA****STAR**ATIS
126.2Apt Elev
59'

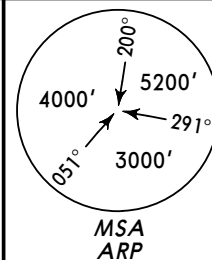
Alt Set: MM (hPa on request) QNH on request **(QFE)**
 Trans level: FL69
 FL79 if pressure is less than 758 mm (1010.6 hPa)
 FL89 if pressure is less than 731 mm (974.6 hPa).
 Trans alt: 5310' **(5265')**

LIKON 2
RWY 01 ARRIVAL
FROM NORTHWEST

FOR BIKUR 2A & LIKON 2A REFER TO CHART 10-2V4

FOR BIKUR 2B & 8 REFER TO CHART 10-2V8

MAX 165 KT

CAT A & B**LIKON**
N47 39.4 E142 02.3At or above
FL108**SERNA**
N47 23.0 E142 33.0Between
FL128 & FL69**SORLA**
N47 16.0 E142 46.0Between
FL128 & FL69

- ① 200° to ARP between 22.7 NM and 3.8 NM do not fly east below 5310' **(5265')**.
- ② 291° to ARP between 13.5 NM and 3.8 NM do not fly north below 5310' **(5265')**.
- ③ 315° to ARP between 37.8 NM and 3.8 NM do not fly north below 3990' **(3945')**.
- ④ 055° to ARP between 37.8 NM and 8.1 NM do not fly north below 3990' **(3945')**.



NOT TO SCALE

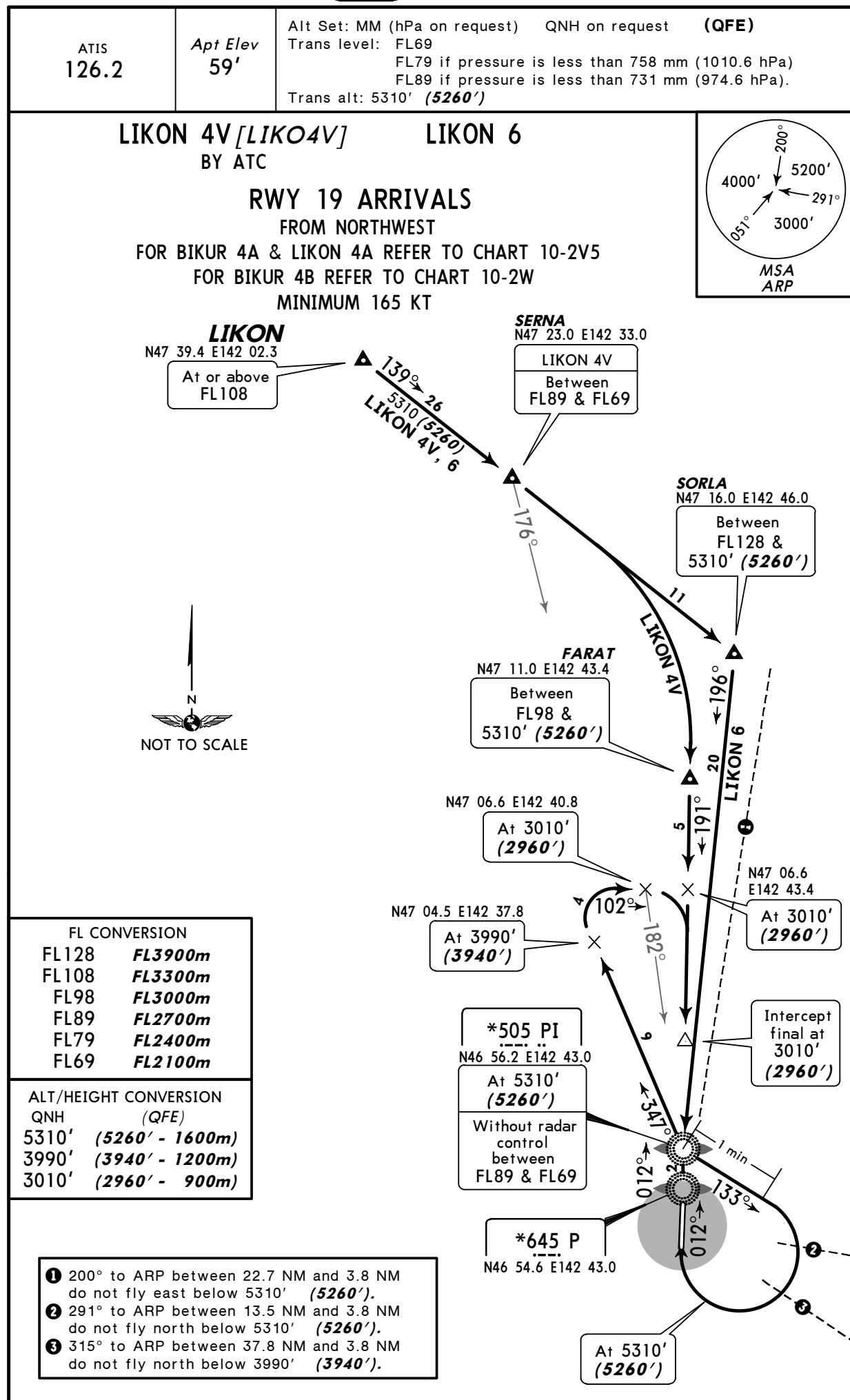
FL CONVERSION

FL128	FL3900m
FL108	FL3300m
FL89	FL2700m
FL79	FL2400m
FL69	FL2100m

ALT/HEIGHT CONVERSION

QNH	(QFE)
5310'	(5265' - 1600m)
3990'	(3945' - 1200m)
3000'	(2955' - 900m)
2020'	(1975' - 600m)

***645 S**
N46 51.6 E142 42.9***505 SL**
N46 50.0 E142 42.8At 5310'
(5265')Without radar
control
between
FL89 & FL69N46 41.8
E142 39.1At 3000'
(2955')Intercept
final at
2020'
(1975')At 2020'
(1975')

UHSS/UUS
KHOMUTOVO17 DEC 10 **(10-2V1)****JEPPESSEN****YUZHNO-SAKHALINSK, RUSSIA****STAR**

UHSS/UUS
KHOMUTOVO

17 DEC 10

(10-2V2)

JEPPESSEN

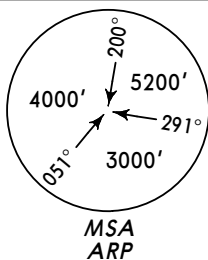
YUZHNO-SAKHALINSK, RUSSIA

STAR

ATIS
126.2

Apt Elev
59'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL69
FL79 if pressure is less than 758 mm (1010.6 hPa)
FL89 if pressure is less than 731 mm (974.6 hPa).
Trans alt: 5310' (5260')



LIKON 4
LIKON 6

LIKON 4V
BY ATC

RWY 19 ARRIVALS

FROM NORTHWEST

FOR BIKUR 4A & LIKON 4A REFER TO CHART 10-2V6

FOR BIKUR 4B REFER TO CHART 10-2X

MAX 165 KT

CAT A & B

LIKON
N47 39.4 E142 02.3

At or above
FL108

139° 26'
5310' (5260')
LIKON 4, 4V, 6

SERNA
N47 23.0 E142 33.0

LIKON 4V
Between
FL89 & FL69

SORLA
N47 16.0 E142 46.0

Between
FL128 &
5310' (5260')



FARAT
N47 11.0 E142 43.4

Between
FL98 &
5310' (5260')

N47 04.7 E142 42.3

At 3010'
(2960')

N47 04.4 E142 39.2

At 3990'
(3940')

N47 04.0 E142 39.2

At 3990'
(3940')

At 4980'
(4930')

***505 PI**
N46 56.2 E142 43.0

At 5310'
(5260')

Without radar
control
between
FL89 & FL69

***645 P**
N46 54.6 E142 42.8

At 5310'
(5260')

FL CONVERSION	
FL128	FL3900m
FL108	FL3300m
FL98	FL3000m
FL89	FL2700m
FL79	FL2400m
FL69	FL2100m

ALT/HEIGHT CONVERSION	
QNH	(QFE)
5310'	(5260' - 1600m)
4980'	(4930' - 1500m)
3990'	(3940' - 1200m)
3010'	(2960' - 900m)

- 200° to ARP between 22.7 NM and 3.8 NM do not fly east below 5310' (5260').
- 291° to ARP between 13.5 NM and 3.8 NM do not fly north below 5310' (5260').
- 315° to ARP between 37.8 NM and 3.8 NM do not fly north below 3990' (3940').

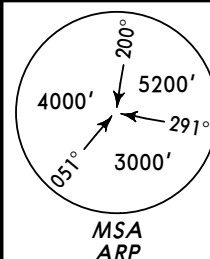
UHSS/UUS
KHOMUTOVO

17 DEC 10

10-2V3**JEPPESSEN****YUZHNO-SAKHALINSK, RUSSIA****STAR**ATIS
126.2Apt Elev
59'

Alt Set: MM (hPa on request) QNH on request **(QFE)**
 Trans level: FL69
 FL79 if pressure is less than 758 mm (1010.6 hPa)
 FL89 if pressure is less than 731 mm (974.6 hPa).
 Trans alt: 5310' **(5265')**

BIKUR 2A [BIKU2A], LIKON 2A [LIKO2A]
RWY 01 ARRIVALS
 BY ATC
 FROM NORTHWEST
 FOR BIKUR 2B, 8, 8A REFER TO 10-2V7
 MINIMUM 165 KT

**BIKUR**

N47 57.0 E141 28.0

Between
FL364 & FL167

NOT TO SCALE

LIKON

N47 39.4 E142 02.3

At or above
FL108BIKUR 2A
CORRIDOR 6

LIKON 2A

- ❶ 200° to ARP between 22.7 NM and 3.8 NM do not fly east below 5310' **(5265')**.
- ❷ 291° to ARP between 13.5 NM and 3.8 NM do not fly north below 5310' **(5265')**.
- ❸ 315° to ARP between 37.8 NM and 3.8 NM do not fly north below 3990' **(3945')**.
- ❹ 055° to ARP between 37.8 NM and 8.1 NM do not fly north below 3990' **(3945')**.

FL CONVERSION

FL364 **FL11100m**
 FL167 **FL5100m**
 FL108 **FL3300m**
 FL89 **FL2700m**
 FL79 **FL2400m**
 FL69 **FL2100m**

ALT/HEIGHT CONVERSION

QNH (QFE)
 5310' **(5265' - 1600m)**
 3990' **(3945' - 1200m)**
 3000' **(2955' - 900m)**
 2020' **(1975' - 600m)**

***645 S**

N46 51.6 E142 42.9

At 5310'
(5265')Without radar
control
between
FL89 & FL69***505 SL**

N46 50.0 E142 42.8

At 5310'
(5265')Without radar
control
between
FL89 & FL69N46 40.1
E142 37.3
(031° brg to SL)At 3000'
(2955')Intercept final at
2020' **(1975')**

N46 38.4 E142 40.4

At 2020'
(1975')

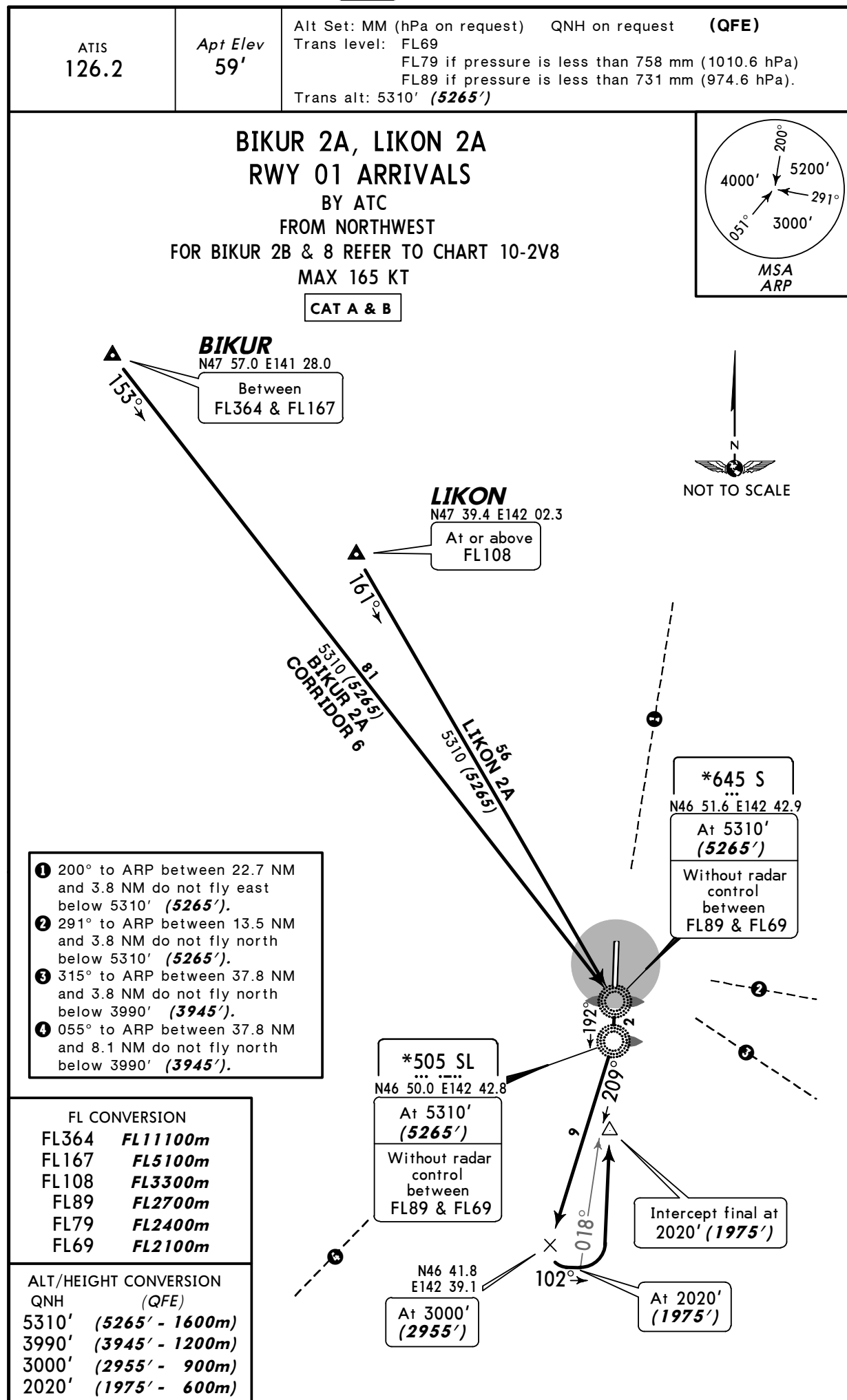
UHSS/UUS
KHOMUTOVO

17 DEC 10 **10-2V4**

JEPPesen

YUZHNO-SAKHALINSK, RUSSIA

STAR



UHSS/UUS
KHOMUTOVO

17 DEC 10

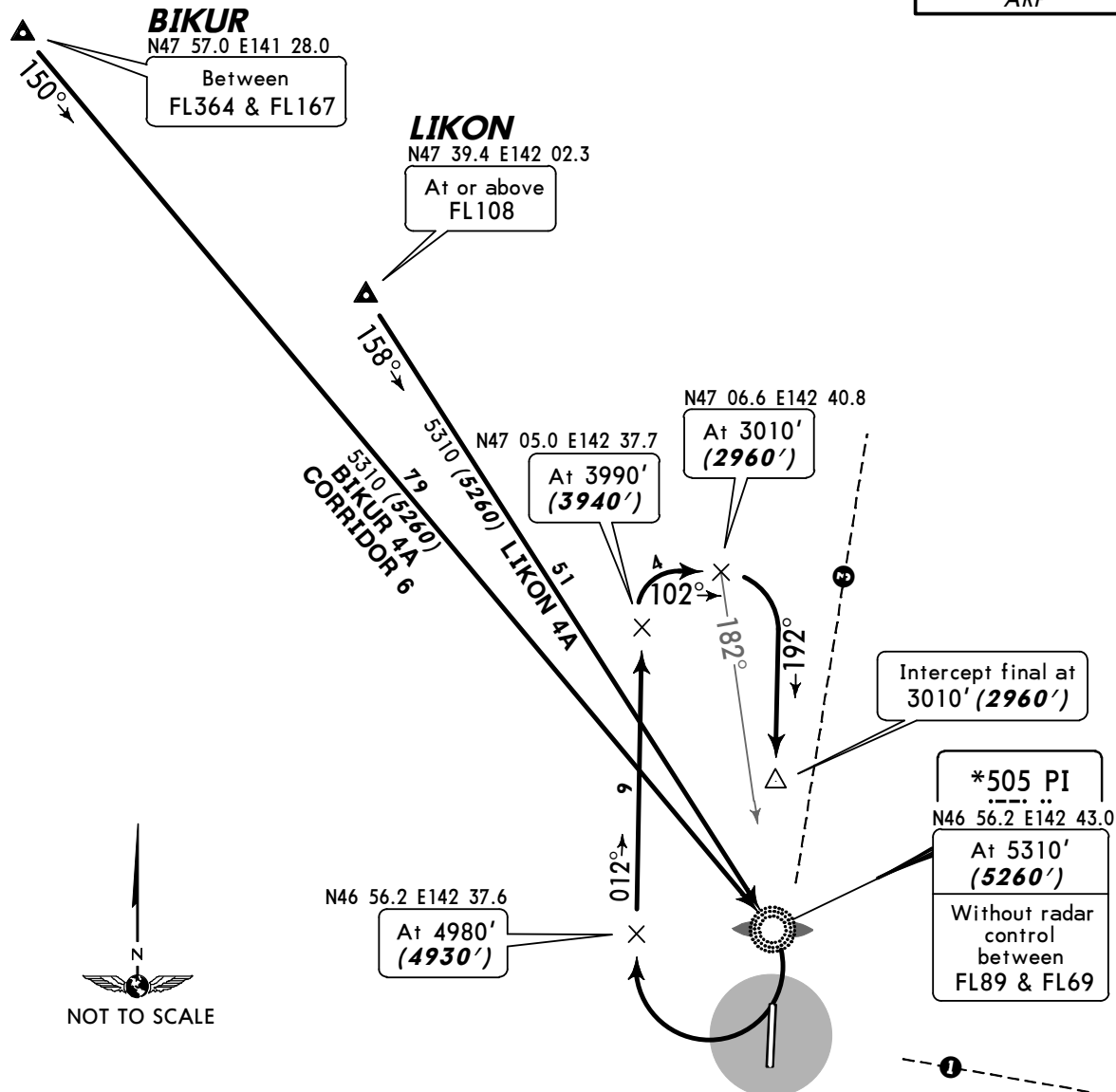
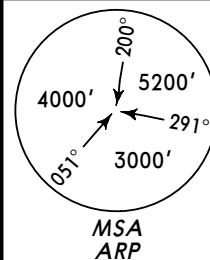
10-2V5**JEPPESSEN****YUZHNO-SAKHALINSK, RUSSIA****STAR**ATIS
126.2Apt Elev
59'Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL69
FL79 if pressure is less than 758 mm (1010.6 hPa)
FL89 if pressure is less than 731 mm (974.6 hPa).
Trans alt: 5310' **(5260')****BIKUR 4A [BIKU4A], LIKON 4A [LIKO4A]****RWY 19 ARRIVALS**

BY ATC

FROM NORTHWEST

FOR BIKUR 4B REFER TO CHART 10-2W

MINIMUM 165 KT



FL CONVERSION

FL364	FL11100m
FL167	FL5100m
FL108	FL3300m
FL89	FL2700m
FL79	FL2400m
FL69	FL2100m

ALT/HEIGHT CONVERSION
QNH (QFE)

5310'	(5260' - 1600m)
4980'	(4930' - 1500m)
3990'	(3940' - 1200m)
3010'	(2960' - 900m)

- 291° to ARP between 13.5 NM and 3.8 NM do not fly north below 5310' (5260').
- 315° to ARP between 37.8 NM and 3.8 NM do not fly north below 3990' (3940').
- 200° to ARP between 22.7 NM and 3.8 NM do not fly east below 5310' (5260').

UHSS/UUS
KHOMUTOVO

17 DEC 10

10-2V6

JEPPESEN

YUZHNO-SAKHALINSK, RUSSIA

STAR

ATIS
126.2Apt Elev
59'

Alt Set: MM (hPa on request) QNH on request (QFE)
 Trans level: FL69
 FL79 if pressure is less than 758 mm (1010.6 hPa)
 FL89 if pressure is less than 731 mm (974.6 hPa).
 Trans alt: 5310' (5260')

BIKUR 4A, LIKON 4A

RWY 19 ARRIVALS

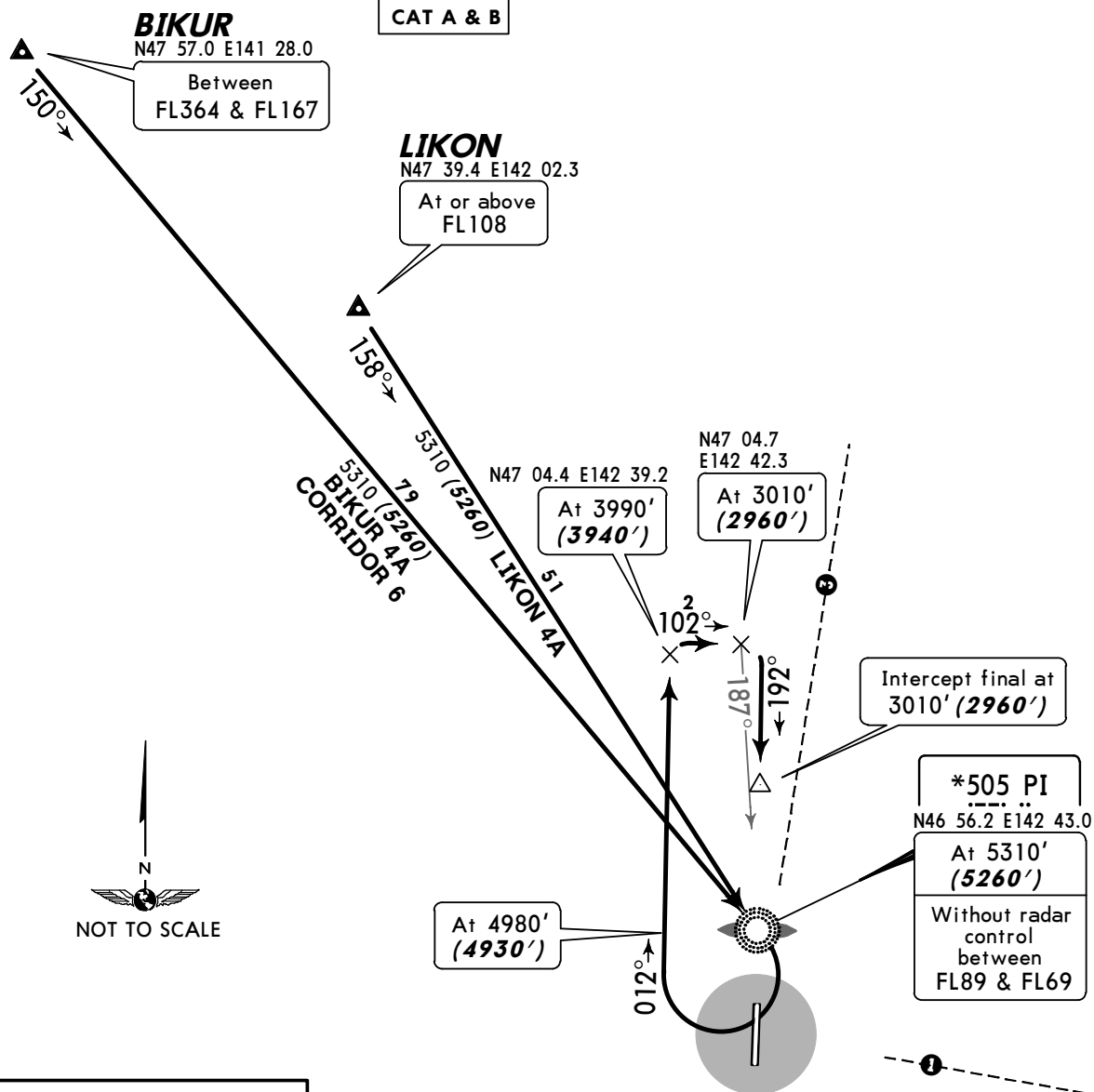
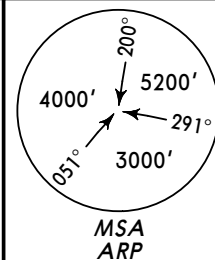
BY ATC

FROM NORTHWEST

FOR BIKUR 4B REFER TO CHART 10-2X

MAX 165 KT

CAT A & B



FL CONVERSION

FL364	FL11100m
FL167	FL5100m
FL108	FL3300m
FL89	FL2700m
FL79	FL2400m
FL69	FL2100m

ALT/HEIGHT CONVERSION

QNH	(QFE)
5310'	(5260' - 1600m)
4980'	(4930' - 1500m)
3990'	(3940' - 1200m)
3010'	(2960' - 900m)

- ① 291° to ARP between 13.5 NM and 3.8 NM do not fly north below 5310' (5260').
- ② 315° to ARP between 37.8 NM and 3.8 NM do not fly north below 3990' (3940').
- ③ 200° to ARP between 22.7 NM and 3.8 NM do not fly east below 5310' (5260').

UHSS/UUS
KHOMUTOVO

17 DEC 10 (10-2V7)

JEPPESEN

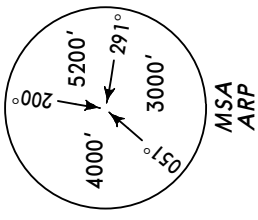
YUZHNO-SAKHALINSK, RUSSIA

STAR

ATIS
126.2

Apt Elev
59'

Alt Set: MM (hPa on request) QNH on request **(QFE)**
 Trans level: FL69
 FL79 if pressure is less than 758 mm (1010.6 hPa)
 FL89 if pressure is less than 731 mm (974.6 hPa).
 Trans alt: 5310' **(5265')**



BIKUR 2B[BIKU2B], BIKUR 8

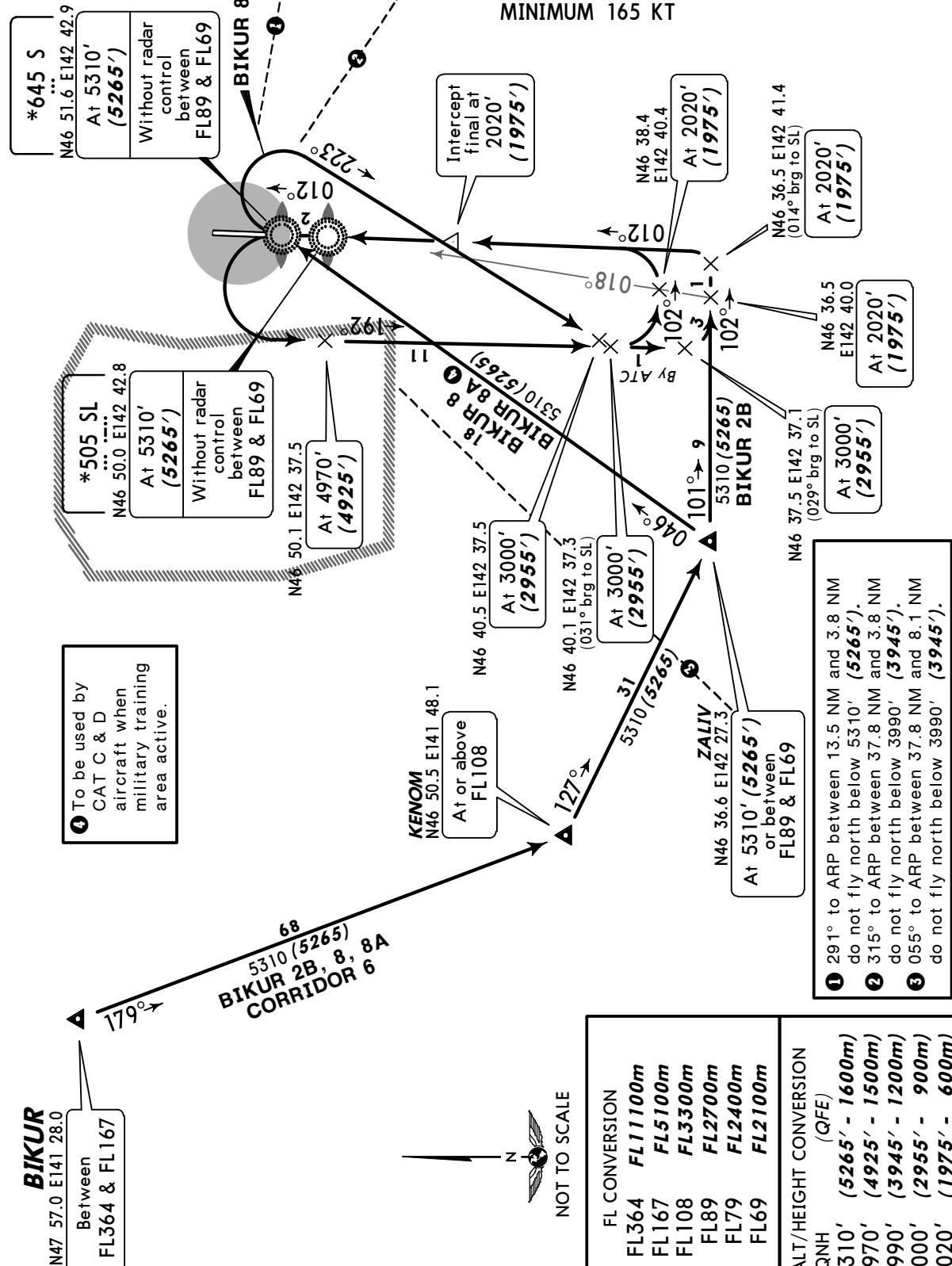
BIKUR 8A [*BIKU8A*] ④

RWY 01 ARRIVAL

BY ATC

FROM NORTHWEST

MINIMUM 165 KT



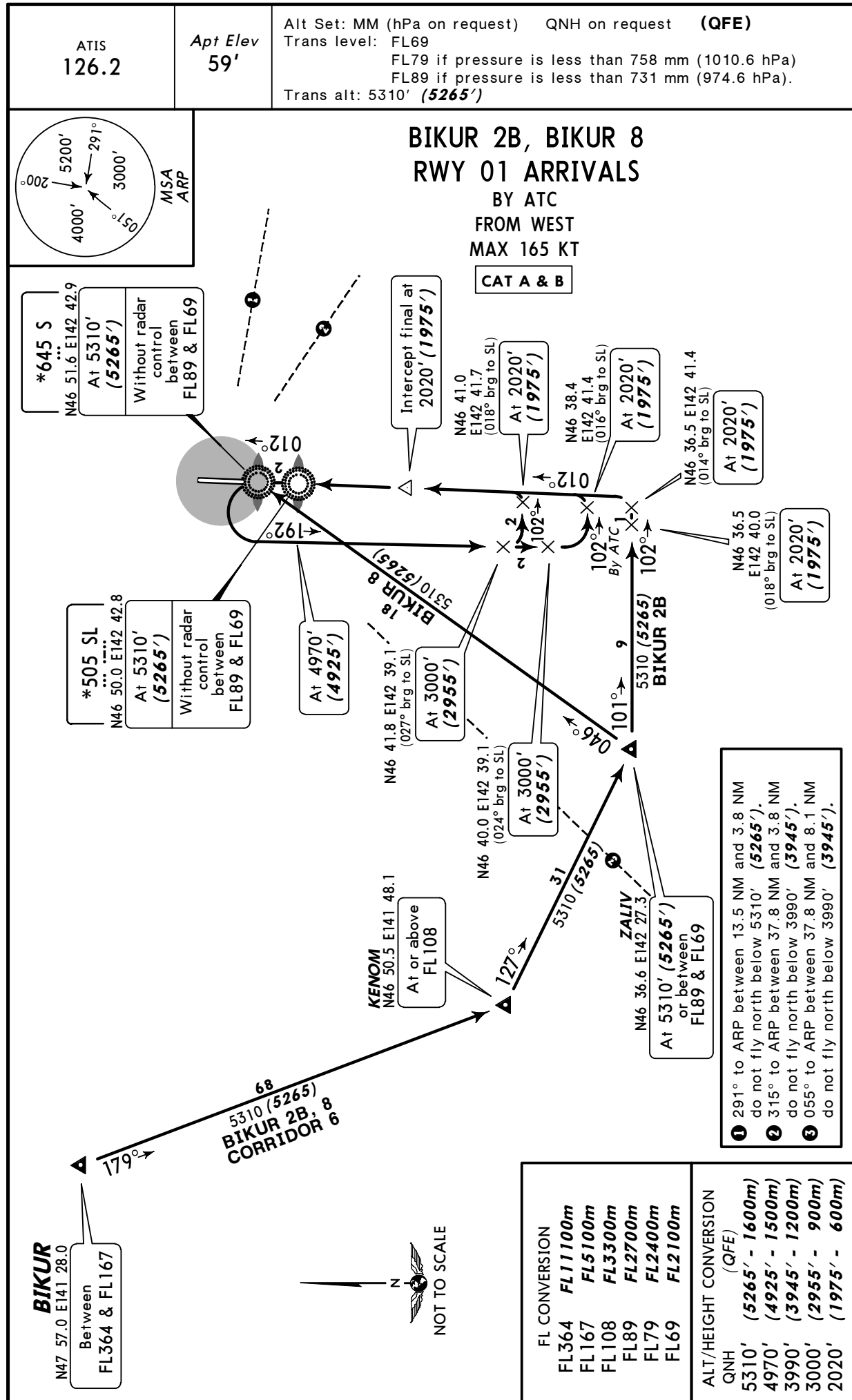
UHSS/UUS
KHOMUTOVO

17 DEC 10 **(10-2V8)**

JEPPESSEN

YUZHNO-SAKHALINSK, RUSSIA

STAR



UHSS/UUS
KHOMUTOVO

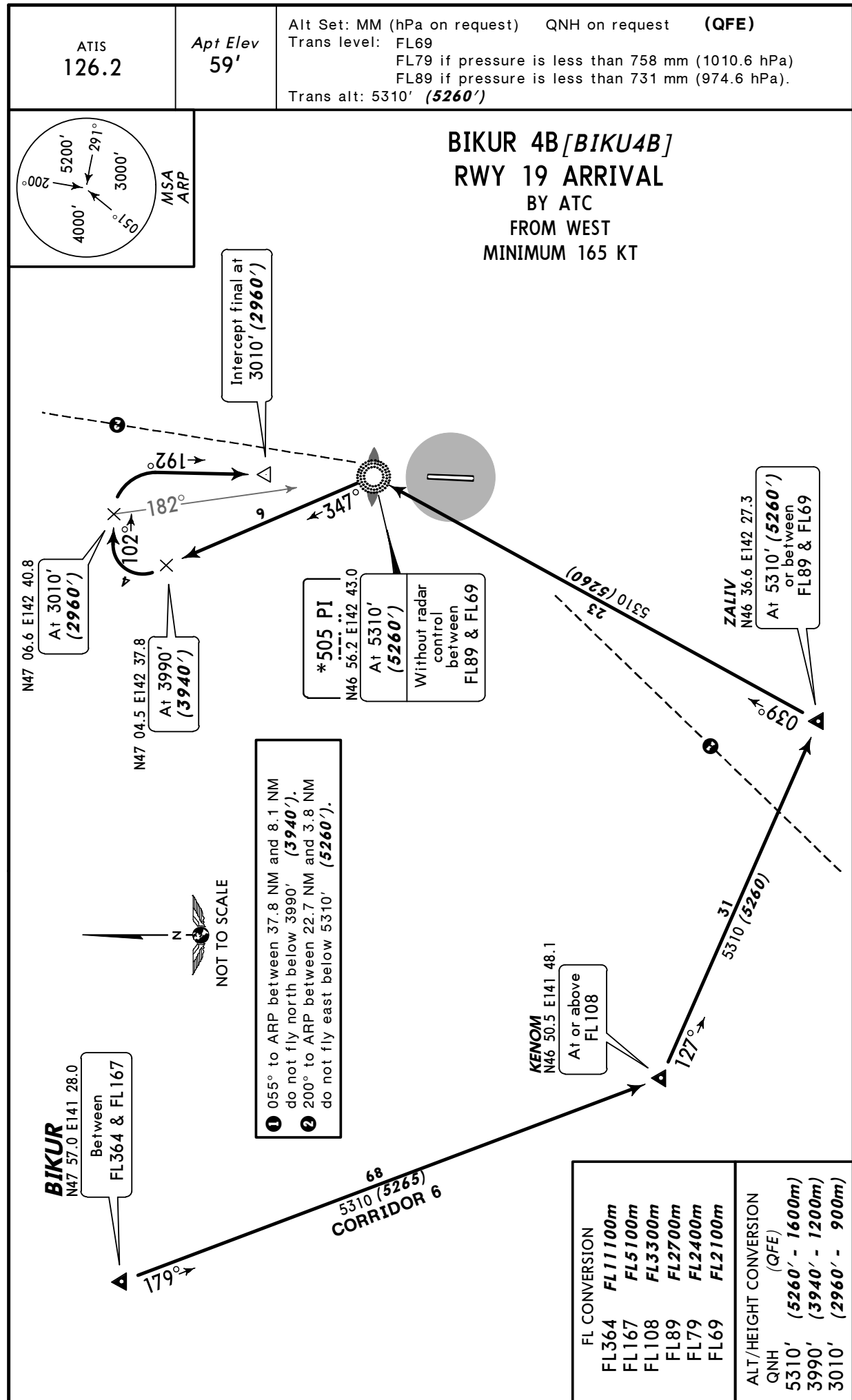
17 DEC 10

10-2W

JEPPESEN

YUZHNO-SAKHALINSK, RUSSIA

STAR



UHSS/UUS
KHOMUTOVO

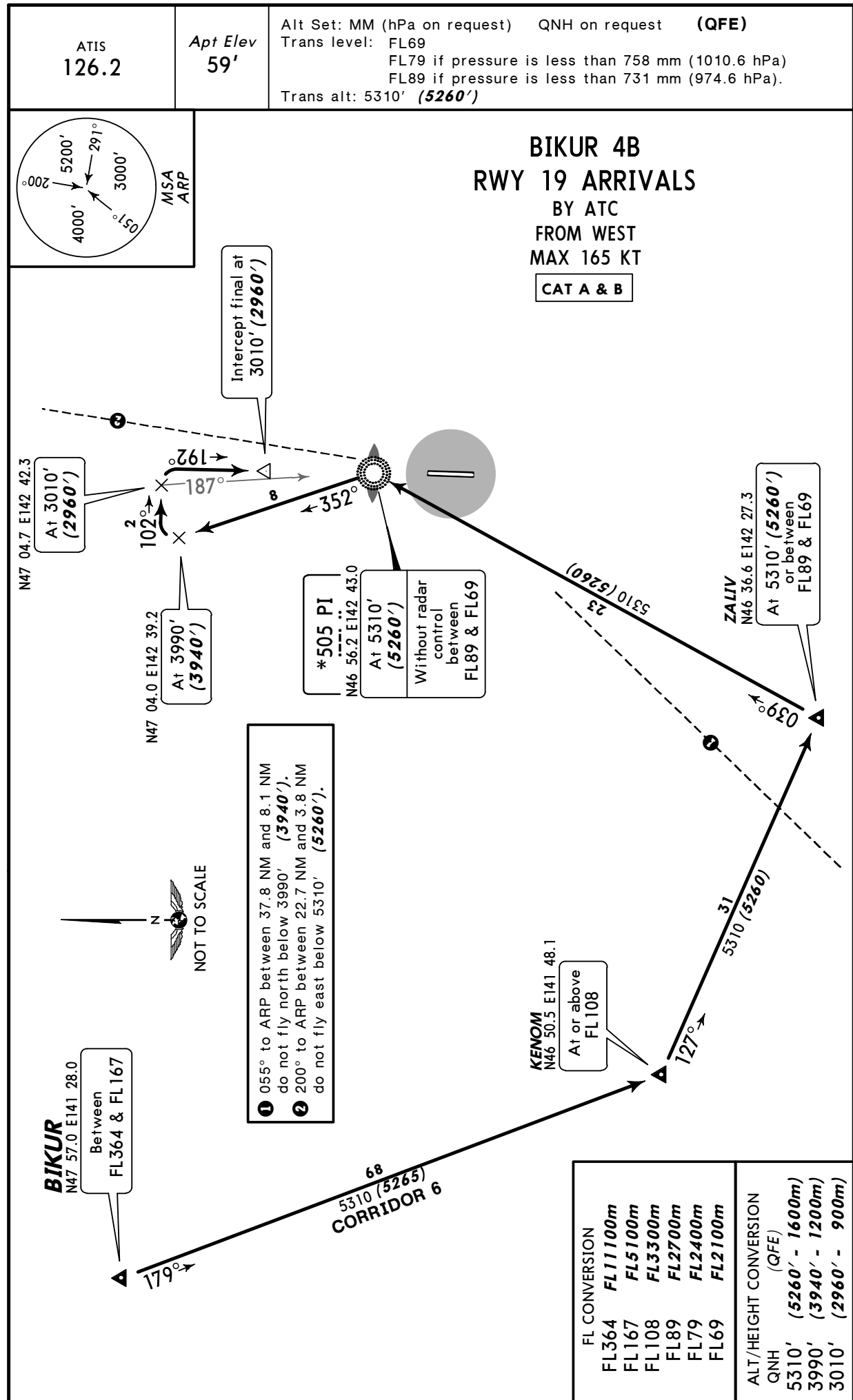
17 DEC 10

10-2X

JEPPesen

YUZHNO-SAKHALINSK, RUSSIA

STAR



UHSS/UUS
KHOMUTOVO

8 OCT 10 (10-2X1)

JEPPESSEN

YUZHNO-SAKHALINSK, RUSSIA

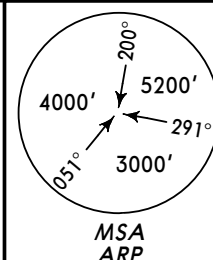
STAR

ATIS
126.2

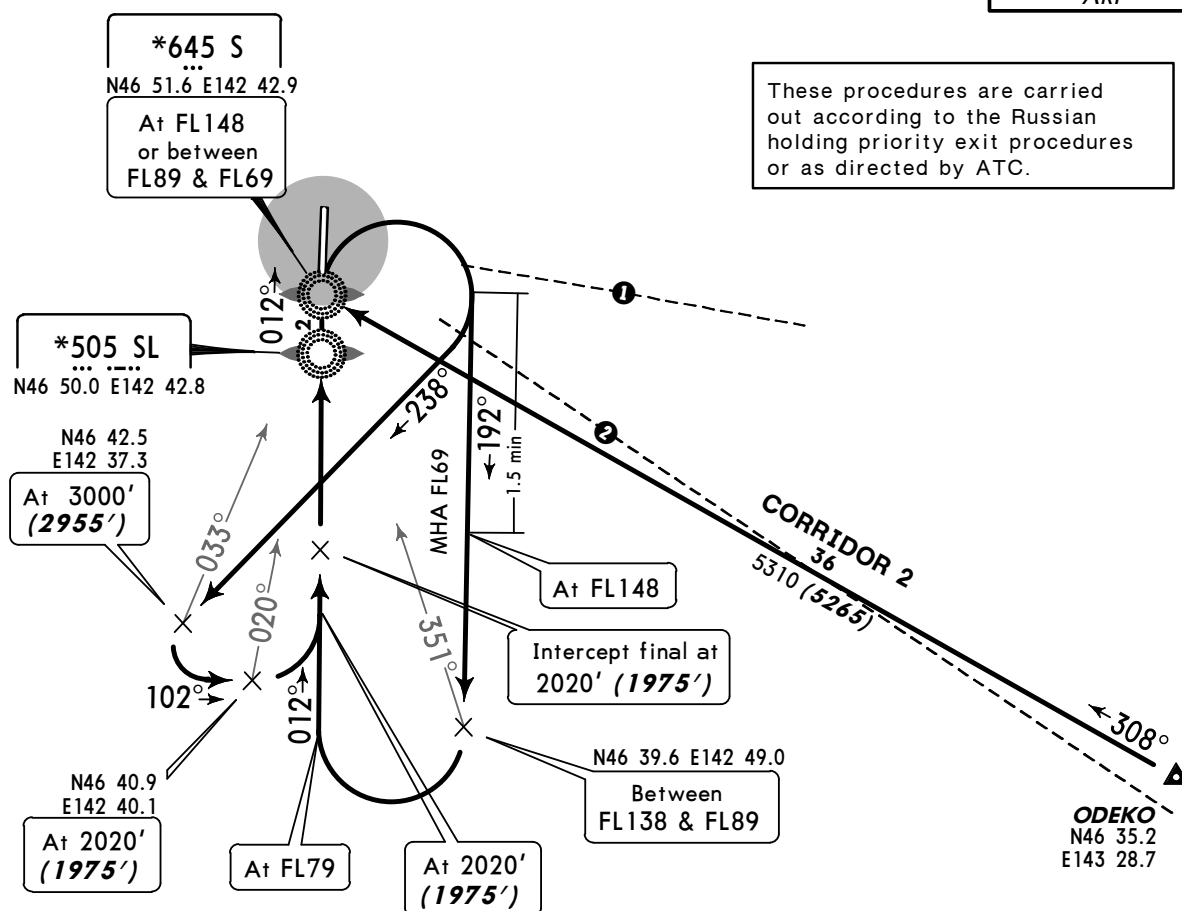
Apt Elev
59'

Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL69
 FL79 if pressure is less than 758 mm (1010.6 hPa)
 FL89 if pressure is less than 731 mm (974.6 hPa).
Trans alt: 5310' **(5265')**
Crossings at airway exit points by ATC.

RWY 01 ARRIVAL



These procedures are carried out according to the Russian holding priority exit procedures or as directed by ATC.



FL CONVERSION

FL148	<i>FL4500m</i>
FL138	<i>FL4200m</i>
FL89	<i>FL2700m</i>
FL79	<i>FL2400m</i>
FL69	<i>FL2100m</i>

ALT/HEIGHT CONVERSION

QNH	(QFE)
5310'	(5265' - 1600m)
3990'	(3945' - 1200m)
3000'	(2955' - 900m)
2020'	(1975' - 600m)



- ❶ 291° to ARP between 13.5 NM and 3.8 NM do not fly north below 5310' **(5265')**.
- ❷ 315° to ARP between 37.8 NM and 3.8 NM do not fly north below 3990' **(3945')**.

UHSS/UUS
KHOMUTOVO

8 OCT 10 (10-2X2)

JEPPESSEN YUZHNO-SAKHALINSK, RUSSIA

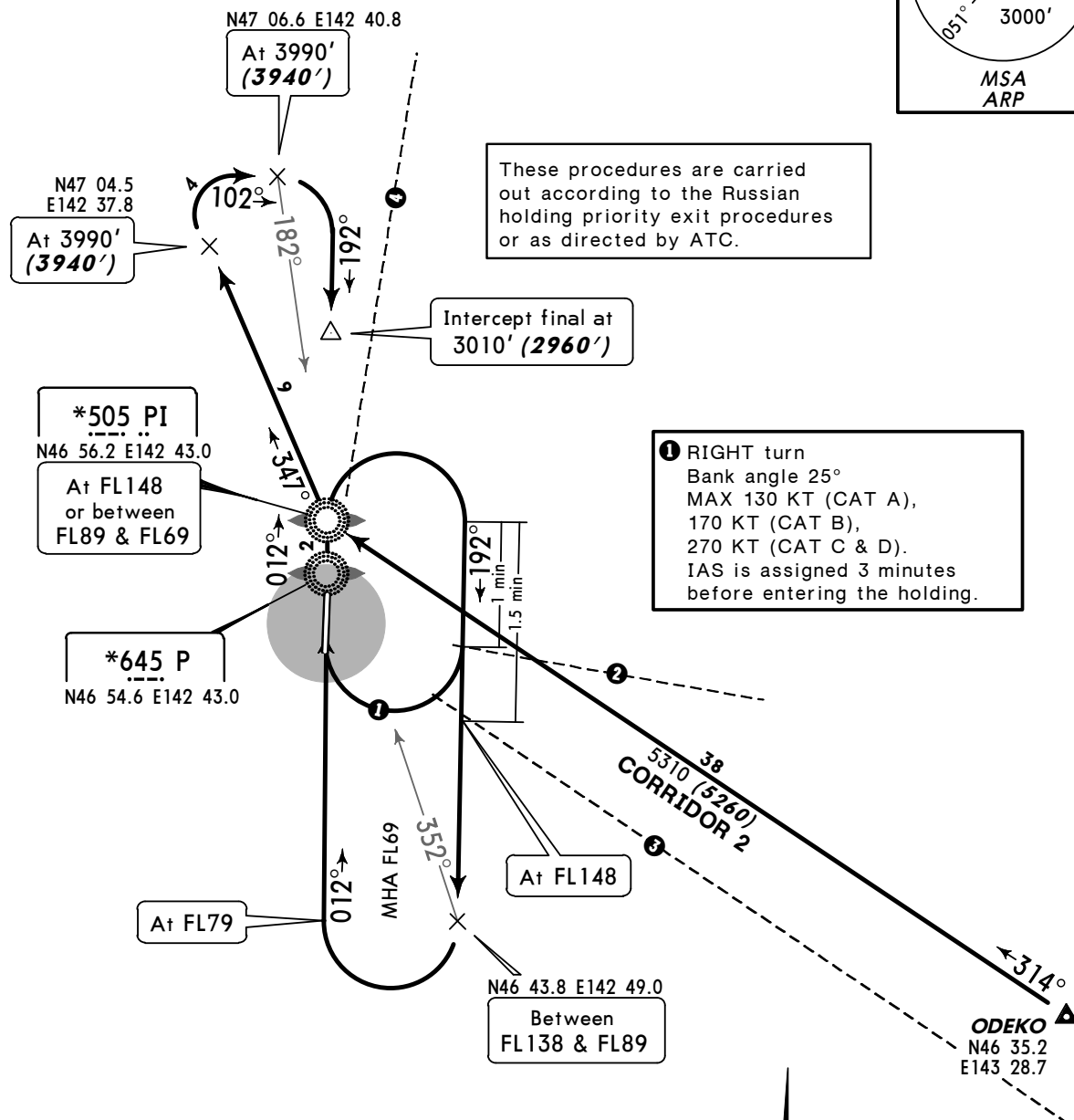
STAR

ATIS 126.2	<i>Apt Elev</i> 59'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL69 FL79 if pressure is less than 758 mm (1010.6 hPa) FL89 if pressure is less than 731 mm (974.6 hPa). Trans alt: 5310' (5260') Crossings at airway exit points by ATC.
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RWY 19 ARRIVAL

FROM SOUTHEAST

BY ATC



FL CONVERSION

FL148	<i>FL4500m</i>
FL138	<i>FL4200m</i>
FL89	<i>FL2700m</i>
FL79	<i>FL2400m</i>
FL69	<i>FL2100m</i>

ALT/HEIGHT CONVERSION	
QNH	(QFE)
5310'	(5260' - 1600m)
3990'	(3940' - 1200m)
3010'	(2960' - 900m)

- 2 291° to ARP between 13.5 NM and 3.8 NM do not fly north below 5310' (**5260'**).
- 3 315° to ARP between 37.8 NM and 3.8 NM do not fly north below 3990' (**3940'**).
- 4 200° to ARP between 22.7 NM and 3.8 NM do not fly east below 5310' (**5260'**).

NOT TO SCALE

UHSS/UUS
KHOMUTOVO

8 OCT 10 **(10-2X3)**

JEPPesen

YUZHNO-SAKHALINSK, RUSSIA

STAR

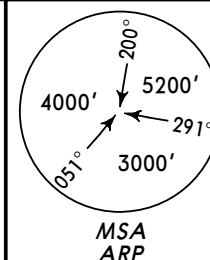
ATIS
126.2

Apt Elev
59'

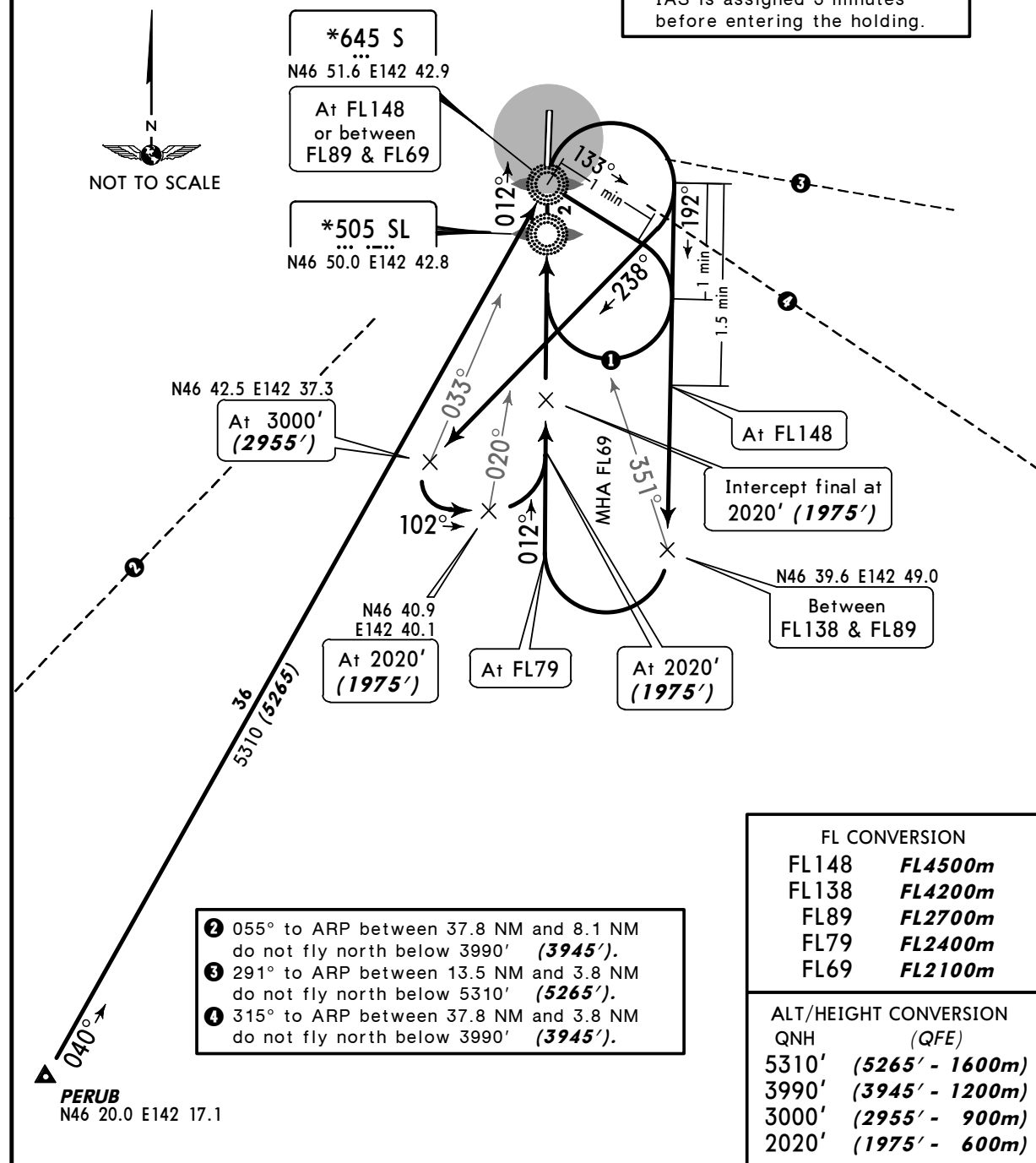
Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL69
FL79 if pressure is less than 758 mm (1010.6 hPa)
FL89 if pressure is less than 731 mm (974.6 hPa).
Trans alt: 5310' **(5265')**
Crossings at airway exit points by ATC.

RWY 01 ARRIVAL
FROM SOUTH
BY ATC

These procedures are carried out according to the Russian holding priority exit procedures or as directed by ATC.



- 1** RIGHT turn
Bank angle 25°
MAX 130 KT (CAT A),
170 KT (CAT B),
270 KT (CAT C & D).
IAS is assigned 3 minutes
before entering the holding.



- 2** 055° to ARP between 37.8 NM and 8.1 NM
do not fly north below 3990' **(3945')**.
3 291° to ARP between 13.5 NM and 3.8 NM
do not fly north below 5310' **(5265')**.
4 315° to ARP between 37.8 NM and 3.8 NM
do not fly north below 3990' **(3945')**.

FL CONVERSION	
FL148	FL4500m
FL138	FL4200m
FL89	FL2700m
FL79	FL2400m
FL69	FL2100m

ALT/HEIGHT CONVERSION	
QNH	(QFE)
5310'	(5265' - 1600m)
3990'	(3945' - 1200m)
3000'	(2955' - 900m)
2020'	(1975' - 600m)

UHSS/UUS
KHOMUTOVO

JEPPESSEN
8 OCT 10 **(10-2X4)**

YUZHNO-SAKHALINSK, RUSSIA

STAR

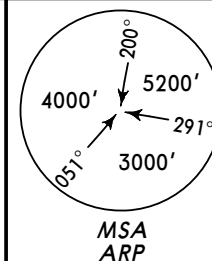
ATIS
126.2

Apt Elev
59'

Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL69
FL79 if pressure is less than 758 mm (1010.6 hPa)
FL89 if pressure is less than 731 mm (974.6 hPa).
Trans alt: 5310' **(5260')**
Crossings at airway exit points by ATC.

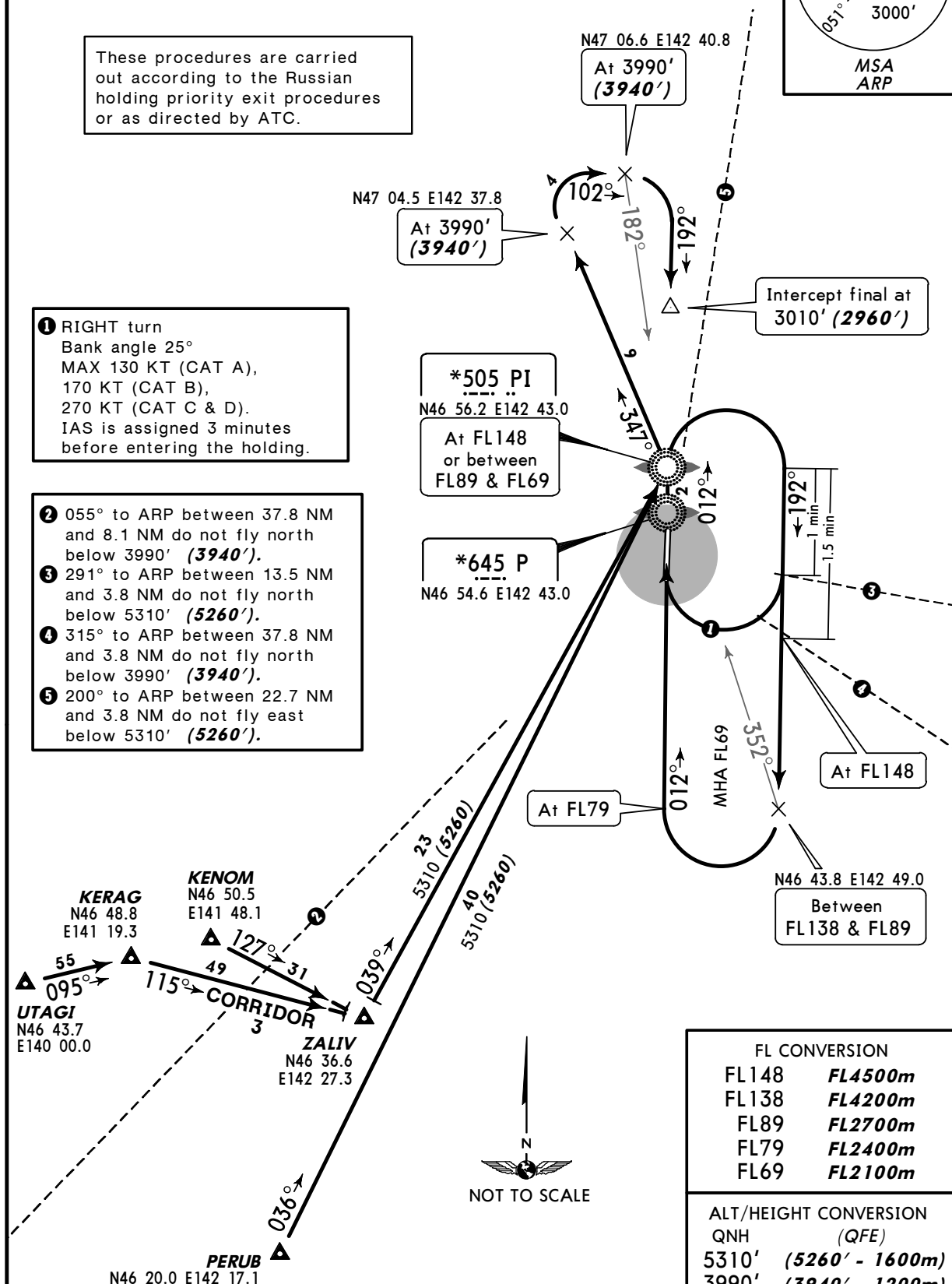
RWY 19 ARRIVALS
FROM SOUTH
BY ATC

These procedures are carried out according to the Russian holding priority exit procedures or as directed by ATC.



- 1 RIGHT turn
Bank angle 25°
MAX 130 KT (CAT A),
170 KT (CAT B),
270 KT (CAT C & D).
IAS is assigned 3 minutes
before entering the holding.

- 2 055° to ARP between 37.8 NM and 8.1 NM do not fly north below 3990' **(3940')**.
- 3 291° to ARP between 13.5 NM and 3.8 NM do not fly north below 5310' **(5260')**.
- 4 315° to ARP between 37.8 NM and 3.8 NM do not fly north below 3990' **(3940')**.
- 5 200° to ARP between 22.7 NM and 3.8 NM do not fly east below 5310' **(5260')**.



FL CONVERSION	
FL148	FL4500m
FL138	FL4200m
FL89	FL2700m
FL79	FL2400m
FL69	FL2100m

ALT/HEIGHT CONVERSION	
QNH	(QFE)
5310'	(5260' - 1600m)
3990'	(3940' - 1200m)
3010'	(2960' - 900m)

UHSS/UUS
KHOMUTOVO

8 OCT 10 (10-2X5)

JEPPESSEN

YUZHNO-SAKHALINSK, RUSSIA

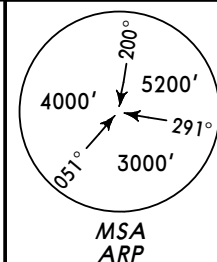
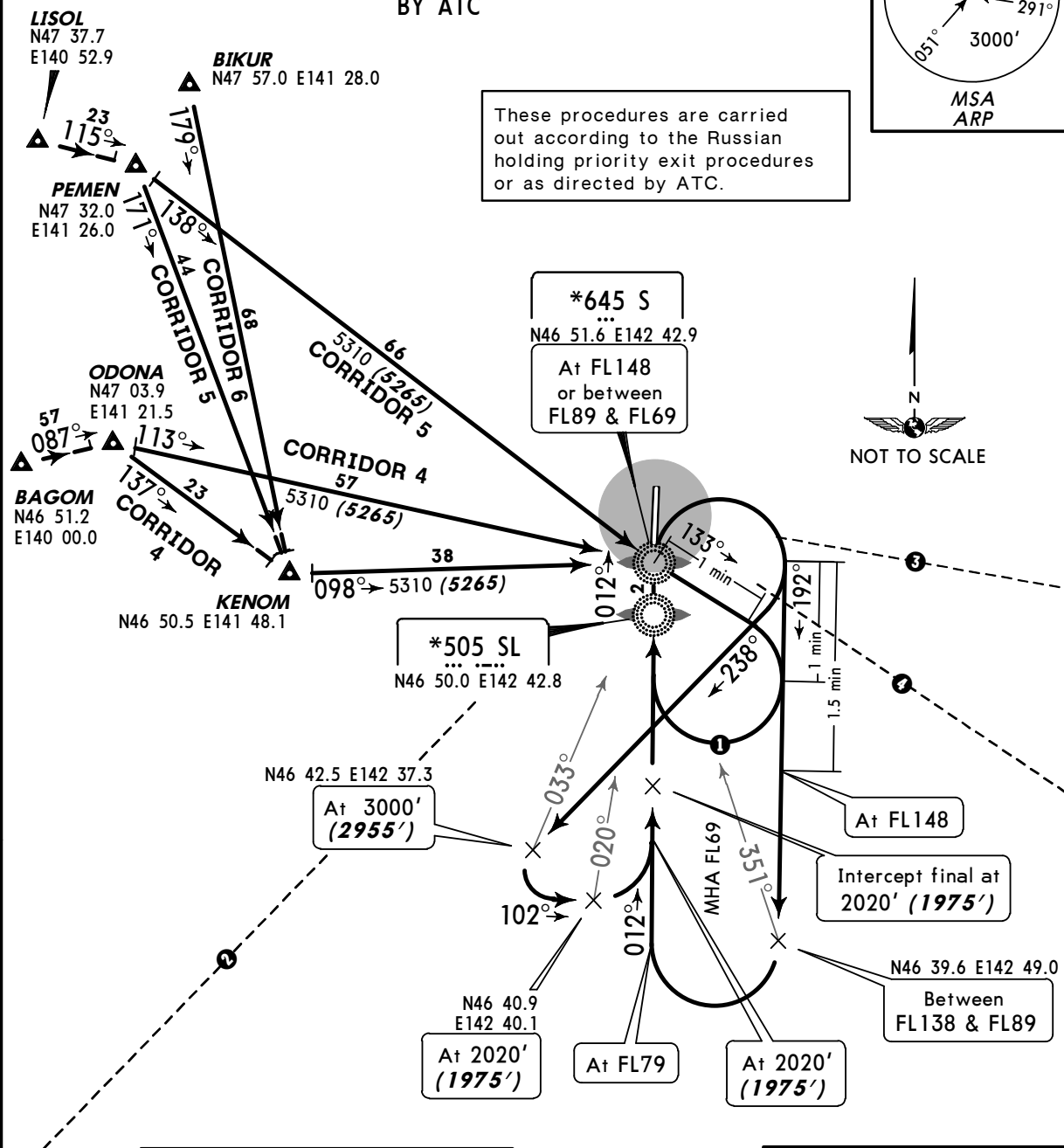
STAR

ATIS
126.2

Apt Elev
59'

Alt Set: MM (hPa on request) QNH on request (QFE)
Trans level: FL69
FL79 if pressure is less than 758 mm (1010.6 hPa)
FL89 if pressure is less than 731 mm (974.6 hPa).
Trans alt: 5310' (5265')
Crossings at airway exit points by ATC.

RWY 01 ARRIVALS FROM WEST BY ATC



- 1 RIGHT turn
Bank angle 25°
MAX 130 KT (CAT A),
170 KT (CAT B),
270 KT (CAT C & D).
IAS is assigned 3 minutes
before entering the holding.

- 2 055° to ARP between 37.8 NM and 8.1 NM
do not fly north below 3990' (3945').
- 3 291° to ARP between 13.5 NM and 3.8 NM
do not fly north below 5310' (5265').
- 4 315° to ARP between 37.8 NM and 3.8 NM
do not fly north below 3990' (3945').

FL CONVERSION	
FL148	FL4500m
FL138	FL4200m
FL89	FL2700m
FL79	FL2400m
FL69	FL2100m

ALT/HEIGHT CONVERSION	
QNH	(QFE)
5310'	(5265' - 1600m)
3990'	(3945' - 1200m)
3000'	(2955' - 900m)
2020'	(1975' - 600m)

UHSS/UUS
KHOMUTOVO

8 OCT 10 (10-2X6)

JEPPESEN

YUZHNO-SAKHALINSK, RUSSIA

STAR

ATIS
126.2

Apt Elev
59'

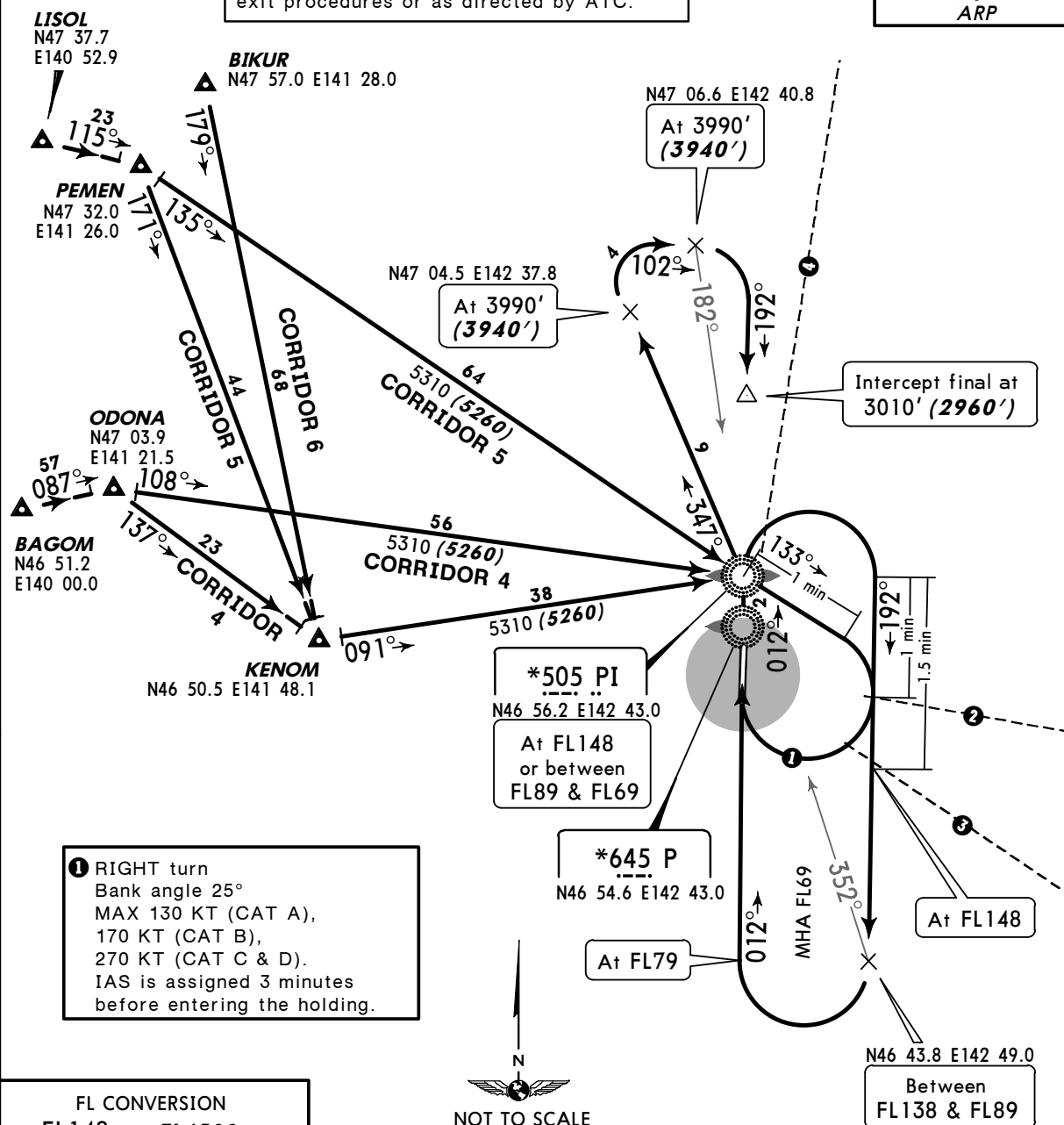
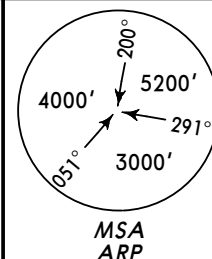
Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL69
 FL79 if pressure is less than 758 mm (1010.6 hPa)
 FL89 if pressure is less than 731 mm (974.6 hPa).
Trans alt: 5310' **(5260')**
Crossings at airway exit points by ATC.

RWY 19 ARRIVALS

FROM WEST

BY ATC

These procedures are carried out according to the Russian holding priority exit procedures or as directed by ATC.



FL CONVERSION

FL148	<i>FL4500m</i>
FL138	<i>FL4200m</i>
FL89	<i>FL2700m</i>
FL79	<i>FL2400m</i>
FL69	<i>FL2100m</i>

ALT/HEIGHT CONVERSION
QNH (QFE)

5310'	(5260' - 1600m)
3990'	(3940' - 1200m)
3010'	(2960' - 900m)

- 2 291° to ARP between 13.5 NM and 3.8 NM do not fly north below 5310' (**5260'**).
- 3 315° to ARP between 37.8 NM and 3.8 NM do not fly north below 3990' (**3940'**).
- 4 200° to ARP between 22.7 NM and 3.8 NM do not fly east below 5310' (**5260'**).

UHSS/UUS
KHOMUTOVO

8 OCT 10 **(10-2X7)**

JEPPesen

YUZHNO-SAKHALINSK, RUSSIA

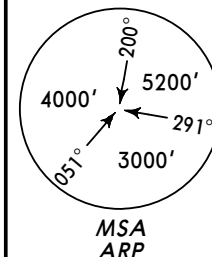
STAR

ATIS
126.2

Apt Elev
59'

Alt Set: MM (hPa on request) QNH on request **(QFE)**
Trans level: FL69
FL79 if pressure is less than 758 mm (1010.6 hPa)
FL89 if pressure is less than 731 mm (974.6 hPa).
Trans alt: 5310' **(5265')**
Crossings at airway exit points by ATC.

RWY 01 ARRIVALS **FROM NORTHWEST**



BIKUR
N47 57.0 E141 28.0

LIKON
N47 39.4 E142 02.3

SORLA
N47 16.0 E142 46.0

At or above
FL138

NOT TO SCALE

These procedures are carried out according to the Russian holding priority exit procedures or as directed by ATC.

***645 S**
N46 51.6 E142 42.9
At FL148
or between
FL89 & FL69

***505 SL**
N46 50.0 E142 42.8

N46 42.5 E142 37.3
At 3000'
(2955')

N46 40.9 E142 40.1
At 2020'
(1975')

At FL79

At 2020'
(1975')

N46 39.6 E142 49.0
Between
FL138 & FL89

- 1** RIGHT turn
Bank angle 25°
MAX 130 KT (CAT A),
170 KT (CAT B),
270 KT (CAT C & D).
IAS is assigned 3 minutes
before entering the holding.

- 2** 200° to ARP between 22.7 NM and 3.8 NM
do not fly east below 5310' **(5265')**.
- 3** 291° to ARP between 13.5 NM and 3.8 NM
do not fly north below 5310' **(5265')**.
- 4** 315° to ARP between 37.8 NM and 3.8 NM
do not fly north below 3990' **(3945')**.
- 5** 055° to ARP between 37.8 NM and 8.1 NM
do not fly north below 3990' **(3945')**.

FL CONVERSION	
FL148	FL4500m
FL138	FL4200m
FL89	FL2700m
FL79	FL2400m
FL69	FL2100m

ALT/HEIGHT CONVERSION	
QNH	(QFE)
5310'	(5265' - 1600m)
3990'	(3945' - 1200m)
3000'	(2955' - 900m)
2020'	(1975' - 600m)

UHSS/UUS
KHOMUTOVO

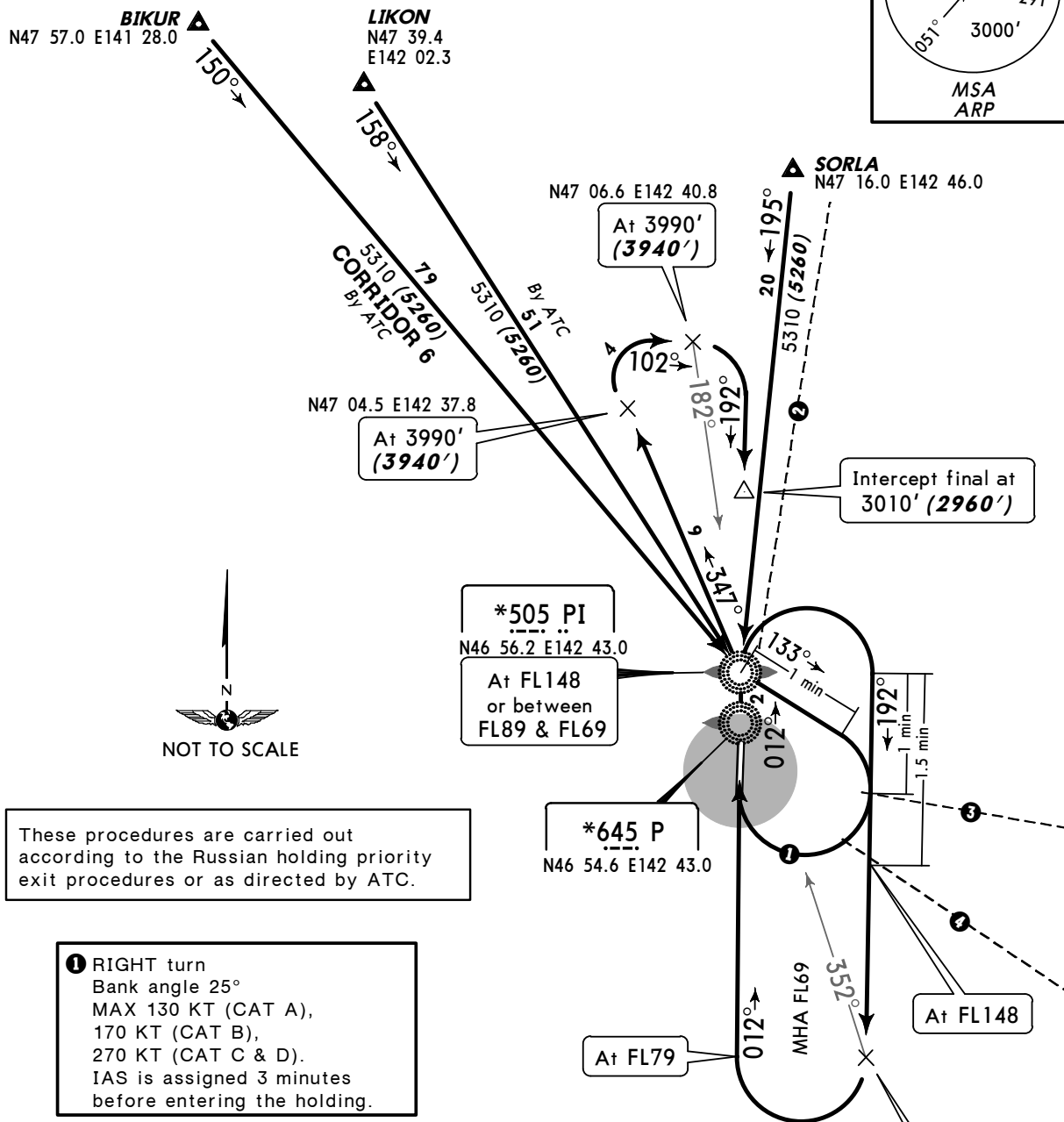
JEPPESSEN
8 OCT 10 **(10-2X8)**

YUZHNO-SAKHALINSK, RUSSIA

STAR

ATIS 126.2	<i>Apt Elev</i> 59'	Alt Set: MM (hPa on request) QNH on request (QFE) Trans level: FL69 FL79 if pressure is less than 758 mm (1010.6 hPa) FL89 if pressure is less than 731 mm (974.6 hPa). Trans alt: 5310' (5260') Crossings at airway exit points by ATC.
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RWY 19 ARRIVALS
FROM NORTHWEST



- 1** RIGHT turn
 Bank angle 25°
 MAX 130 KT (CAT A),
 170 KT (CAT B),
 270 KT (CAT C & D).
 IAS is assigned 3 minutes
 before entering the holding.

FL CONVERSION	
FL148	FL4500m
FL138	FL4200m
FL89	FL2700m
FL79	FL2400m
FL69	FL2100m

ALT/HEIGHT CONVERSION	
QNH	(QFE)
5310'	(5260' - 1600m)
3990'	(3940' - 1200m)
3010'	(2960' - 900m)

- 2** 200° to ARP between 22.7 NM and 3.8 NM
 do not fly east below 5310' **(5260')**.
3 291° to ARP between 13.5 NM and 3.8 NM
 do not fly north below 5310' **(5260')**.
4 315° to ARP between 37.8 NM and 3.8 NM
 do not fly north below 3990' **(3940')**.

UHSS/UUS
KHOMUTOVO

16 OCT 09

10-3

Eff 22 Oct

JEPPESEN

YUZHNO-SAKHALINSK, RUSSIA

SID

Apt Elev
59'

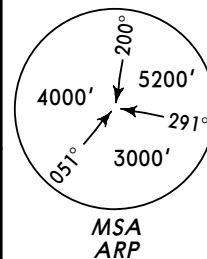
QNH on request (QFE)

Trans level: FL69

FL79 if pressure is less than 758 mm (1010.6 hPa)

FL89 if pressure is less than 731 mm (974.6 hPa).

Trans alt: 5310' (5265')



BIKUR 1A [BIKU1A] RWY 01 DEPARTURE

BIKUR

N47 57.0 E141 28.0

Between
FL177 & FL381

- ① Beyond 13.5 NM from ARP do not fly below 3990' (3945').
- ② 020° from ARP between 3.8 NM and 22.7 NM do not fly east below 5310' (5265').



ALT/HEIGHT CONVERSION

QNH	(QFE)
710'	(665' - 200m)
3990'	(3945' - 1200m)
5310'	(5265' - 1600m)

FL CONVERSION

FL69	FL2100m
FL79	FL2400m
FL89	FL2700m
FL177	FL5400m
FL381	FL11600m

[KLYCI]
KLYUCHI
N47 05.3 E142 39.4
At or above
3990' (3945')

At 710'
(665')

ROUTING

Climb on 012° track to 710' (665'), turn LEFT to KLYUCHI, then to BIKUR.

UHSS/UUS
KHOMUTOVO

16 OCT 09

(10-3A)

Eff 22 Oct

JEPPesen

YUZHNO-SAKHALINSK, RUSSIA

SID

Apt Elev
59'

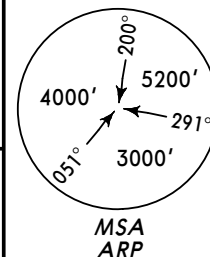
QNH on request (QFE)

Trans level: FL69

FL79 if pressure is less than 758 mm (1010.6 hPa)

FL89 if pressure is less than 731 mm (974.6 hPa).

Trans alt: 5310' (5260')



**BIKUR 3A [BIKU3A], BIKUR 3B [BIKU3B]
BIKUR 3C [BIKU3C], BIKUR 5A [BIKU5A]
RWY 19 DEPARTURES
BY ATC**

BIKUR

N47 57.0 E141 28.0

Between
FL177 & FL381

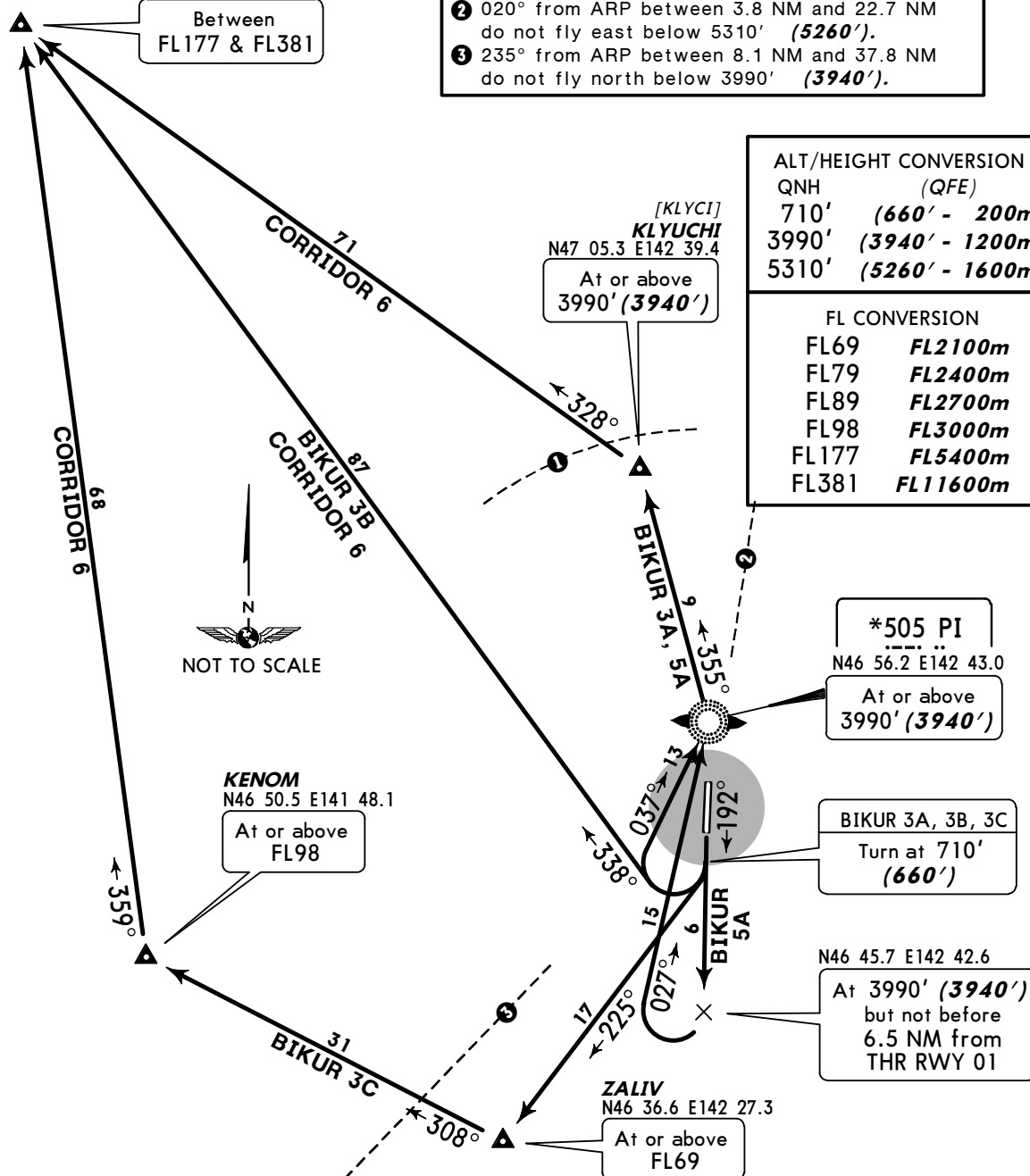
- ① Beyond 13.5 NM from ARP do not fly below 3990' (3940').
- ② 020° from ARP between 3.8 NM and 22.7 NM do not fly east below 5310' (5260').
- ③ 235° from ARP between 8.1 NM and 37.8 NM do not fly north below 3990' (3940').

ALT/HEIGHT CONVERSION

QNH	(QFE)
710'	(660' - 200m)
3990'	(3940' - 1200m)
5310'	(5260' - 1600m)

FL CONVERSION

FL69	FL2100m
FL79	FL2400m
FL89	FL2700m
FL98	FL3000m
FL177	FL5400m
FL381	FL11600m



SID	ROUTING
BIKUR 3A	Climb on 192° track to 710' (660'), turn RIGHT to PI, then to KLYUCHI, then to BIKUR.
BIKUR 3B	Climb on 192° track to 710' (660'), turn RIGHT to BIKUR.
BIKUR 3C	Climb on 192° track to 710' (660'), turn RIGHT to ZALIV, then to KENOM, then to BIKUR.
BIKUR 5A	Climb on 192° track, at 3990' (3940'), but not before 6.5 NM from THR RWY 01 turn RIGHT to PI, then to KLYUCHI, then to BIKUR.

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KHOMUTOVO

16 OCT 09

JEPPESEN

YUZHNO-SAKHALINSK, RUSSIA

10-3B

Eff 22 Oct

SID

Apt Elev
59'

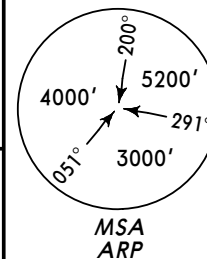
QNH on request (QFE)

Trans level: FL69

FL79 if pressure is less than 758 mm (1010.6 hPa)

FL89 if pressure is less than 731 mm (974.6 hPa).

Trans alt: 5310' (**5265'**)



KERAG 1
RWY 01 DEPARTURE
BY ATC

- ❶ Beyond 13.5 NM from ARP do not fly below 3990' (**3945'**).
- ❷ 020° from ARP between 3.8 NM and 22.7 NM do not fly east below 5310' (**5265'**).

KERAG

N46 48.8 E141 19.3

Between
FL118 & FL381

UTAGI

N46 43.7
E140 00.0

[KLYCI]
KLYUCHI
N47 05.3 E142 39.4

At or above
3990' (**3945'**)

At 710'
(665')

ALT/HEIGHT CONVERSION

QNH (QFE)

710' (665' - 200m)

3990' (3945' - 1200m)

5310' (5265' - 1600m)

FL CONVERSION

FL69 *FL2100m*

FL79 *FL2400m*

FL89 *FL2700m*FL118 *FL3600m*FL381 *FL11600m*

ROUTING

Climb on 012° track to 710' (665'), turn LEFT to KLYUCHI, then to KERAG.

UHSS/UUS
KHOMUTOVO

16 OCT 09

09 (10-3C)

Eff 22 Oct

JEPPESSEN YUZHNO-SAKHALINSK, RUSSIA

SID

Apt Elev
59'

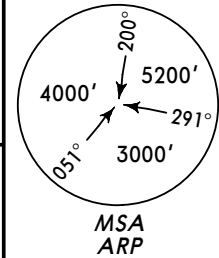
QNH on request **(QFE)**

Trans level: FL69

FL79 if pressure is less than 758 mm (1010.6 hPa)

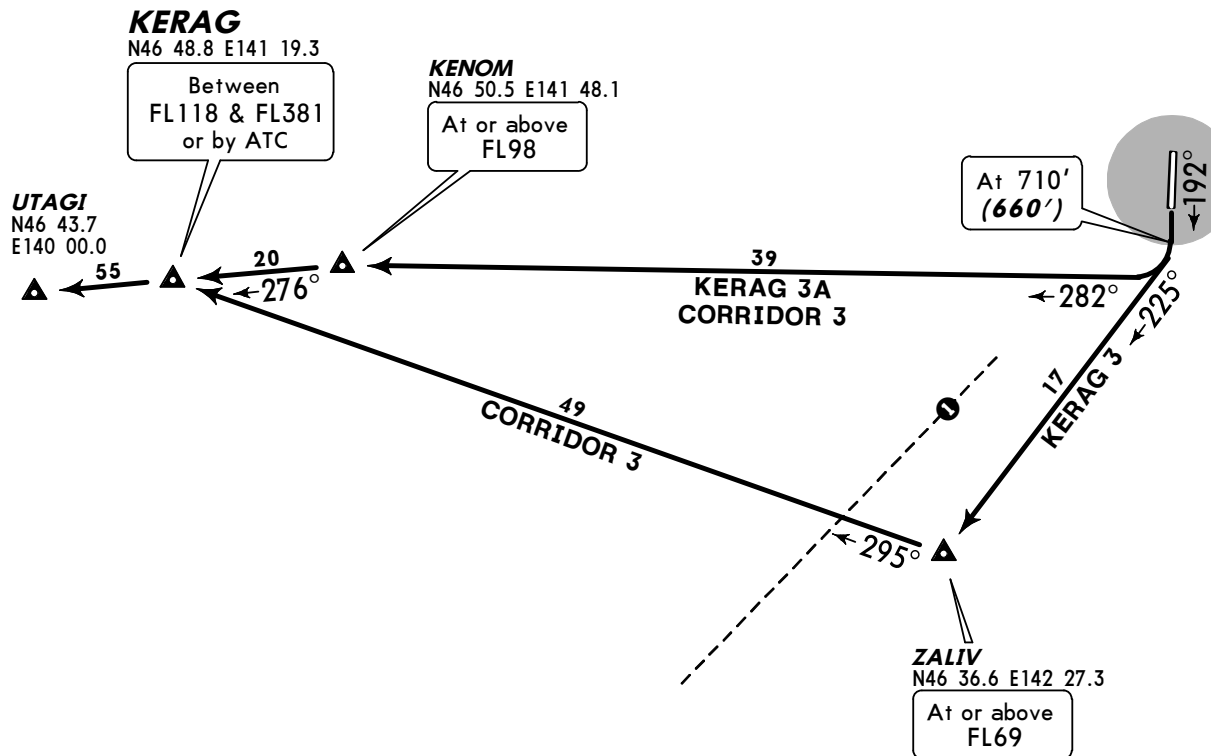
FL89 if pressure is less than 731 mm (974.6 hPa).

Trans alt: 5310' (**5260'**)



KERAG 3, KERAG 3A [KERA3A]
RWY 19 DEPARTURES
BY ATC

- 1** 235° from ARP between 8.1 NM and 37.8 NM do not fly north below 3990' (**3940'**).



ALT/HEIGHT CONVERSION

QNH	(QFE)
710'	(660' - 200m)
3990'	(3940' - 1200m)
5310'	(5260' - 1600m)

FL CONVERSION

FL69	<i>FL2100m</i>
FL79	<i>FL2400m</i>
FL89	<i>FL2700m</i>
FL98	<i>FL3000m</i>
FL118	<i>FL3600m</i>
FL381	<i>FL11600m</i>



SID	ROUTING
KERAG 3	Climb on 192° track to 710' (660'), turn RIGHT to ZALIV, then to KERAG.
KERAG 3A	Climb on 192° track to 710' (660'), turn RIGHT to KENOM, then to KERAG.

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16 OCT 09

JEPPESSEN

YUZHNO-SAKHALINSK, RUSSIA

(10-3D)

Eff 22 Oct

SID

Apt Elev
59'

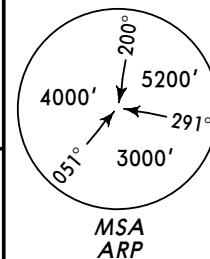
QNH on request **(QFE)**

Trans level: FL69

FL79 if pressure is less than 758 mm (1010.6 hPa)

FL89 if pressure is less than 731 mm (974.6 hPa).

Trans alt: 5310' **(5265')**



LIKON 1, LIKON 1A [LIKO1A] RWY 01 DEPARTURES

LIKON

N47 39.4 E142 02.3

At or above
FL98

- ① Beyond 13.5 NM from ARP do not fly below 3990' **(3945')**.
- ② 020° from ARP between 3.8 NM and 22.7 NM do not fly east below 5310' **(5265')**.



ALT/HEIGHT CONVERSION

QNH	(QFE)
710'	(665' - 200m)
3990'	(3945' - 1200m)
5310'	(5265' - 1600m)

FL CONVERSION

FL69	FL2100m
FL79	FL2400m
FL89	FL2700m
FL98	FL3000m
FL128	FL3900m

SORLA

N47 16.0 E142 46.0

Between
5310' **(5265')**
& FL128

[KLYCI]
KLYUCHI
N47 05.3 E142 39.4
At or above
3990' **(3945')**

At 710'
(665')

SID

ROUTING

LIKON 1

Climb on 012° track to 710' (665'), turn RIGHT to SORLA, then to LIKON.

LIKON 1A

Climb on 012° track to 710' (665'), turn LEFT to KLYUCHI, then to LIKON.

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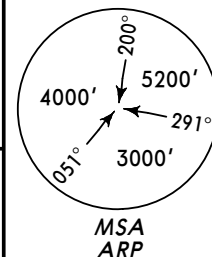
16 OCT 09

10-3E**Eff 22 Oct****JEPPESSEN****YUZHNO-SAKHALINSK, RUSSIA****SID****Apt Elev**
59'QNH on request **(QFE)**

Trans level: FL69

FL79 if pressure is less than 758 mm (1010.6 hPa)

FL89 if pressure is less than 731 mm (974.6 hPa).

Trans alt: 5310' **(5260')****LIKON**

N47 39.4 E142 02.3

At or above
FL98**LIKON 3****LIKON 3A [LIKO3A]****LIKON 3B [LIKO3B]****LIKON 5****LIKON 5A [LIKO5A]****RWY 19 DEPARTURES****SORLA**

N47 16.0 E142 46.0

At or above
FL69**[KLYCI]****KLYUCHI**

N47 05.3 E142 39.4

At or above
3990' **(3940')**

NOT TO SCALE

ALT/HEIGHT CONVERSIONQNH **(QFE)**710' **(660' - 200m)**3990' **(3940' - 1200m)**5310' **(5260' - 1600m)****FL CONVERSION**FL69 **FL2100m**FL79 **FL2400m**FL89 **FL2700m**FL98 **FL3000m**

- ① Beyond 13.5 NM from ARP do not fly below 3990' **(3940')**.
- ② 020° from ARP between 3.8 NM and 22.7 NM do not fly east below 5310' **(5260')**.
- ③ 235° from ARP between 8.1 NM and 37.8 NM do not fly north below 3990' **(3940')**.

***505 PI**

N46 56.2 E142 43.0

At or above
3990' **(3940')****LIKON 3, 3A, 3B**
Turn at 710' **(660')**

N46 45.7 E142 42.6

At 3990' **(3940')**
but not before
6.5 NM from
THR RWY 01**SID****ROUTING****LIKON 3**

Climb on 192° track to 710' (660'), turn RIGHT to PI, then to SORLA, then to LIKON.

LIKON 3A

Climb on 192° track to 710' (660'), turn RIGHT to PI, then to KLYUCHI, then to LIKON.

LIKON 3B

Climb on 192° track to 710' (660'), turn RIGHT to LIKON.

LIKON 5

Climb on 192° track, at 3990' (3940'), but not before 6.5 NM from THR RWY 01 turn RIGHT to PI, then to SORLA, then to LIKON.

LIKON 5A

Climb on 192° track, at 3990' (3940'), but not before 6.5 NM from THR RWY 01 turn RIGHT to PI, then to KLYUCHI, then to LIKON.

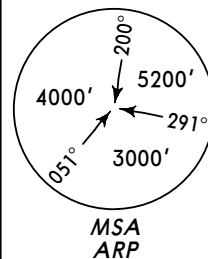
UHSS/UUS
KHOMUTOVO

JEPPESSEN YUZHNO-SAKHALINSK, RUSSIA
16 OCT 09 **10-3F** **Eff 22 Oct**

SID

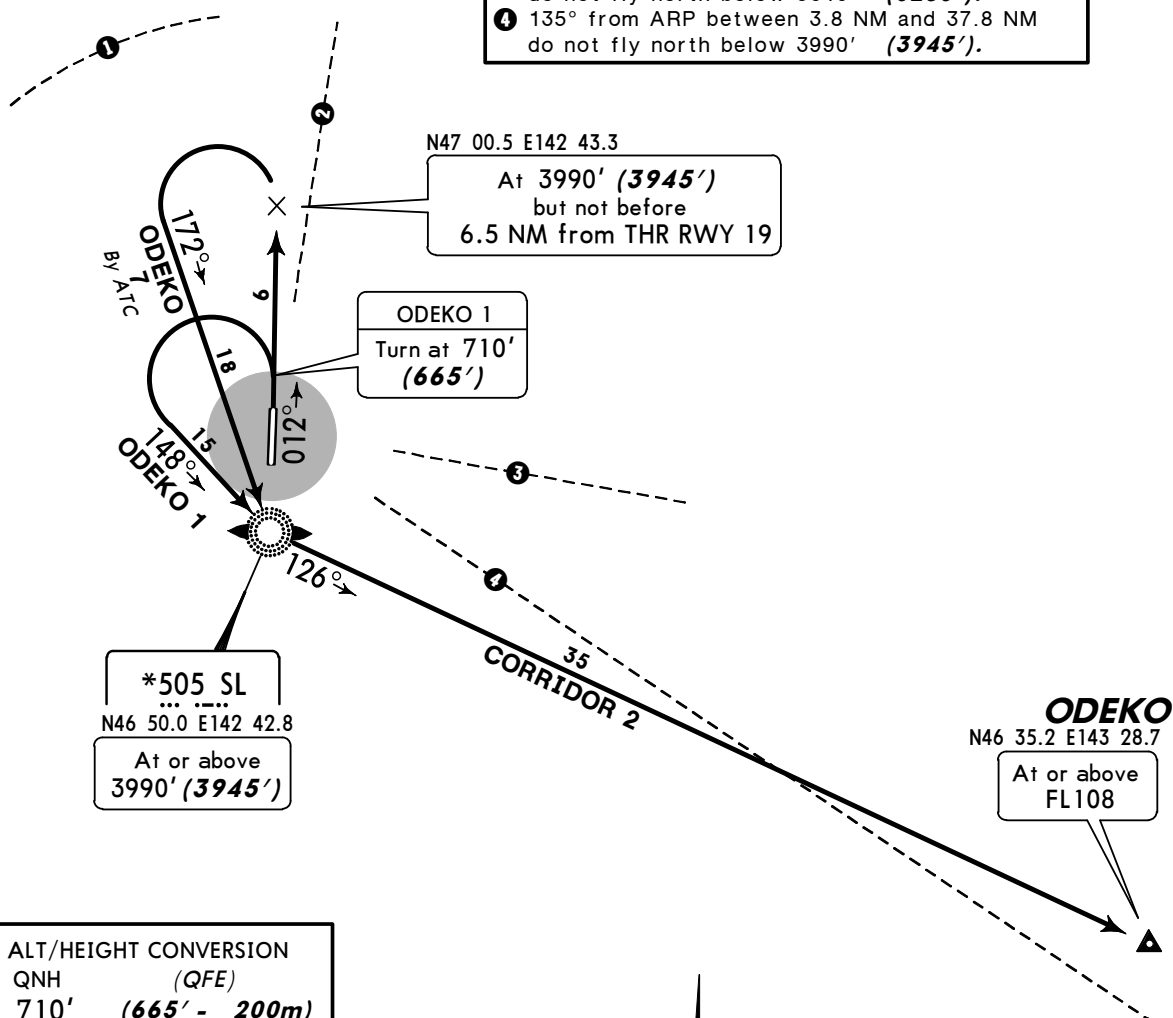
Apt Elev
59'

QNH on request **(QFE)**
Trans level: FL69
FL79 if pressure is less than 758 mm (1010.6 hPa)
FL89 if pressure is less than 731 mm (974.6 hPa).
Trans alt: 5310' **(5265')**



ODEKO 1, ODEKO 7 RWY 01 DEPARTURES

- 1 Beyond 13.5 NM from ARP do not fly below 3990' **(3945')**.
- 2 020° from ARP between 3.8 NM and 22.7 NM do not fly east below 5310' **(5265')**.
- 3 111° from ARP between 3.8 NM and 13.5 NM do not fly north below 5310' **(5265')**.
- 4 135° from ARP between 3.8 NM and 37.8 NM do not fly north below 3990' **(3945')**.



ALT/HEIGHT CONVERSION	
QNH	(QFE)
710'	(665' - 200m)
3990'	(3945' - 1200m)
5310'	(5265' - 1600m)

FL CONVERSION	
FL69	FL2100m
FL79	FL2400m
FL89	FL2700m
FL108	FL3300m



SID	ROUTING
ODEKO 1	Climb on 012° track to 710' (665'), turn LEFT to SL, then to ODEKO.
ODEKO 7	Climb on 012° track, at 3990' (3945'), but not before 6.5 NM from THR RWY 19 turn LEFT to SL, then to ODEKO.

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16 OCT 09

JEPPESEN

(10-3G)

Eff 22 Oct

YUZHNO-SAKHALINSK, RUSSIA

SID

Apt Elev
59'

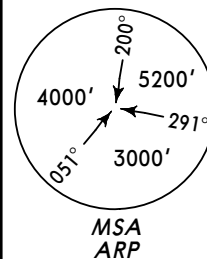
QNH on request (QFE)

Trans level: FL69

FL79 if pressure is less than 758 mm (1010.6 hPa)

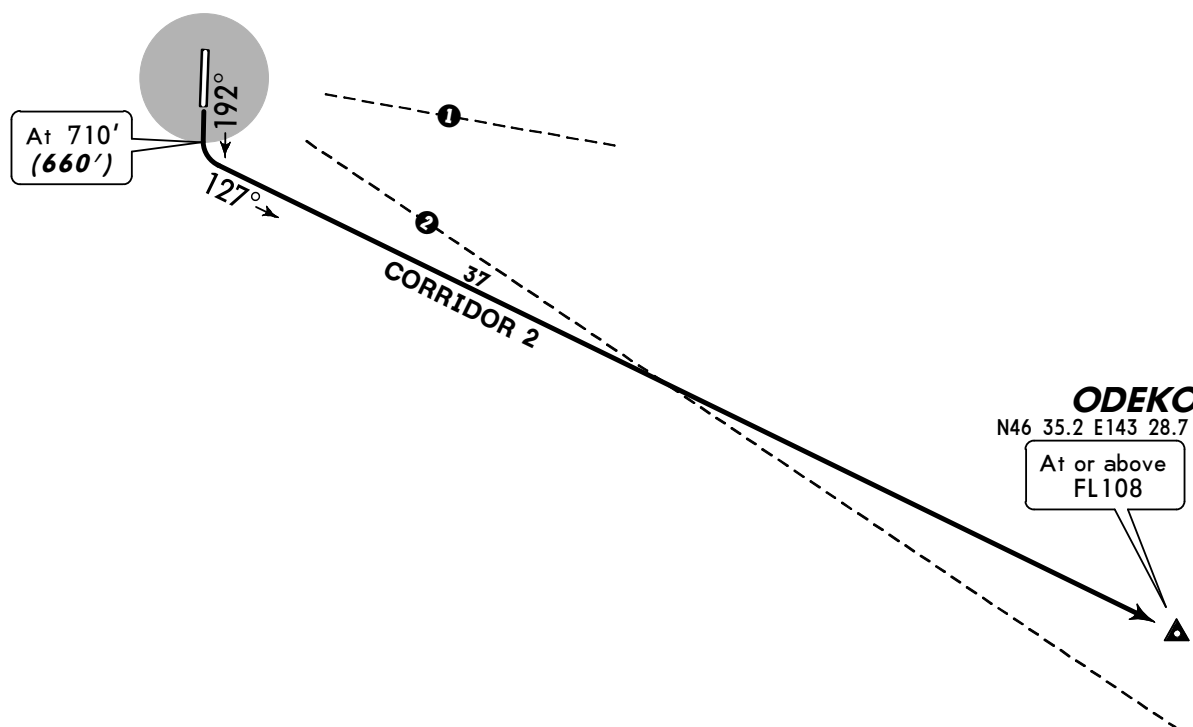
FL89 if pressure is less than 731 mm (974.6 hPa).

Trans alt: 5310' (5260')



ODEKO 3 RWY 19 DEPARTURE

- ① 111° from ARP between 3.8 NM and 13.5 NM do not fly north below 5310' (5260').
- ② 135° from ARP between 3.8 NM and 37.8 NM do not fly north below 3990' (3940').



ALT/HEIGHT CONVERSION

QNH (QFE)

710' (660' - 200m)

3990' (3940' - 1200m)

5310' (5260' - 1600m)

FL CONVERSION

FL69 FL2100m

FL79 FL2400m

FL89 FL2700m

FL108 FL3300m



ROUTING

Climb on 192° track to 710' (660'), turn LEFT to ODEKO.

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16 OCT 09

JEPPESEN

YUZHNO-SAKHALINSK, RUSSIA

Eff 22 Oct**SID**

Apt Elev
59'

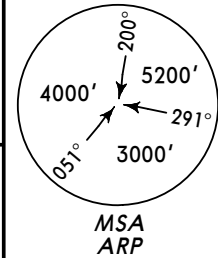
QNH on request **(QFE)**

Trans level: FL69

FL79 if pressure is less than 758 mm (1010.6 hPa)

FL89 if pressure is less than 731 mm (974.6 hPa).

Trans alt: 5310' (**5265'**)



ODONA 1, ODONA 1A [ODON1A]
RWY 01 DEPARTURES

- ① Beyond 13.5 NM from ARP do not fly below 3990' (**3945'**).
- ② 020° from ARP between 3.8 NM and 22.7 NM do not fly east below 5310' (**5265'**).

SORLA
N47 16.0 E142 46.0

Between
5310' (**5265'**)
& FL128

ODONA

N47 03.9 E141 21.5

Between
FL118 & FL381

59
ODONA 1
CORRIDOR 4

[KLYCI]
KLYUCHI
142 39.4

At or above
3990' (**3945'**)

BAGOM
N46 51.2
E140 00.0

ALT/HEIGHT CONVERSION

QNH (QFE)

710' (665' - 200m)

3990' (3945' - 1200m)

5310' (5265' - 1600m)

FL CONVERSION

FL69 *FL2100m*FL79 *FL2400m*FL89 *FL2700m*FL118 *FL3600m*FL128 *FL3900m*FL381 *FL11600m*

SID	ROUTING
ODONA 1	Climb on 012° track to 710' (665'), turn RIGHT to SORLA, then to ODONA.
ODONA 1A	Climb on 012° track to 710' (665'), turn LEFT to KLYUCHI, then to ODONA.

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16 OCT 09

10-3J

Eff 22 Oct

JEPPESSEN YUZHNO-SAKHALINSK, RUSSIA

SID

Apt Elev
59'

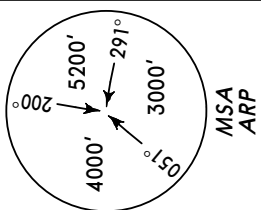
QNH on request (QFE)

Trans level: FL69

FL79 if pressure is less than 758 mm (1010.6 hPa)

FL89 if pressure is less than 731 mm (974.6 hPa).

Trans alt: 5310' (5260')



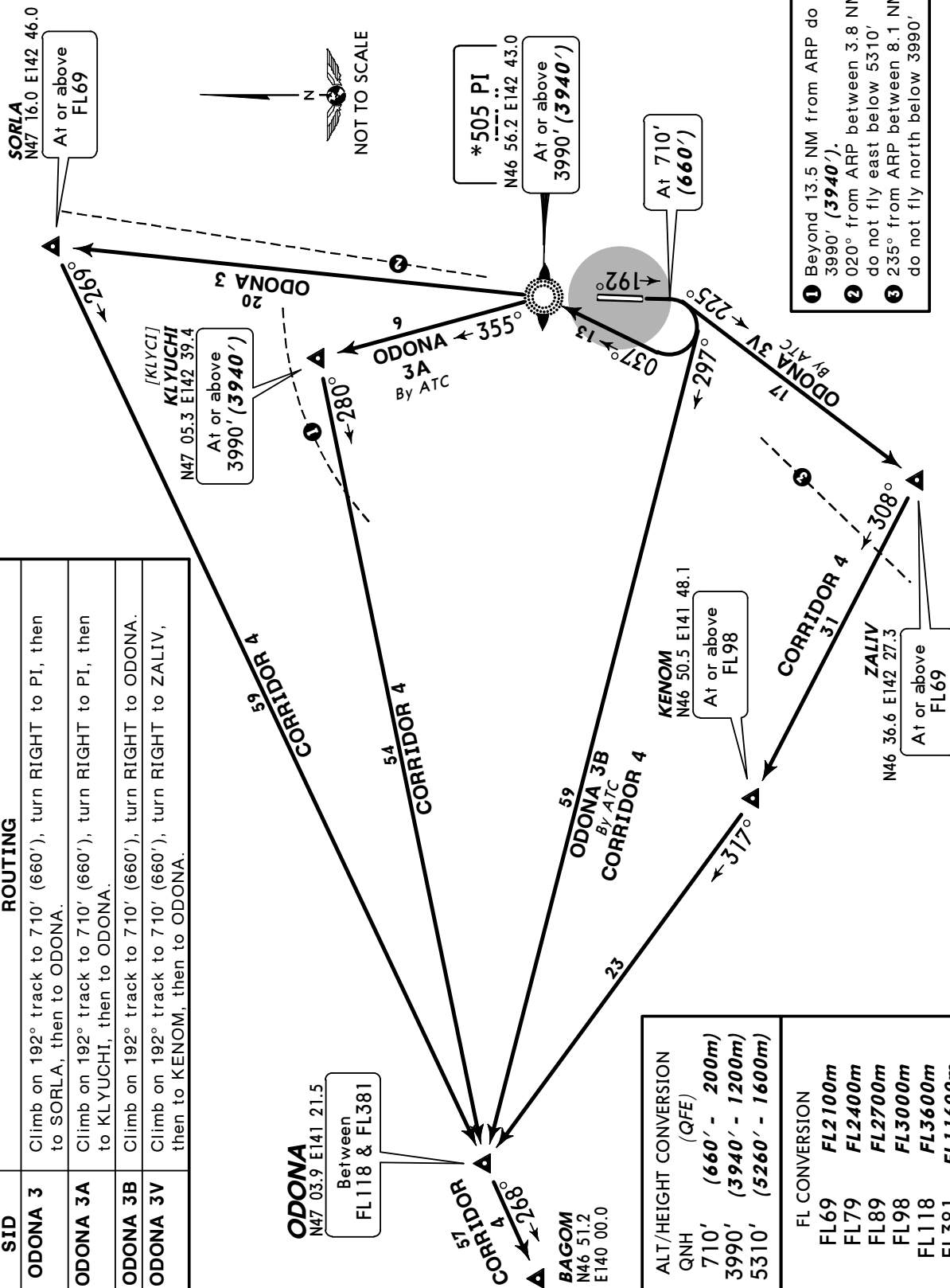
ODONA 3, ODONA 3A [ODON3A]

ODONA 3B [ODON3B]

ODONA 3V [ODON3V]

RWY 19 DEPARTURES

FOR SIDS ODONA 5 & 5A REFER TO CHART 10-3K



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16 OCT 09

10-3K

Eff 22 Oct

YUZHNO-SAKHALINSK, RUSSIA

SID

Apt Elev
59'

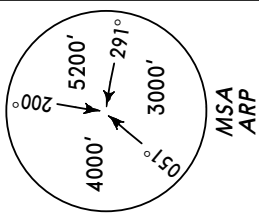
QNH on request **(QFE)**

Trans level: FL69

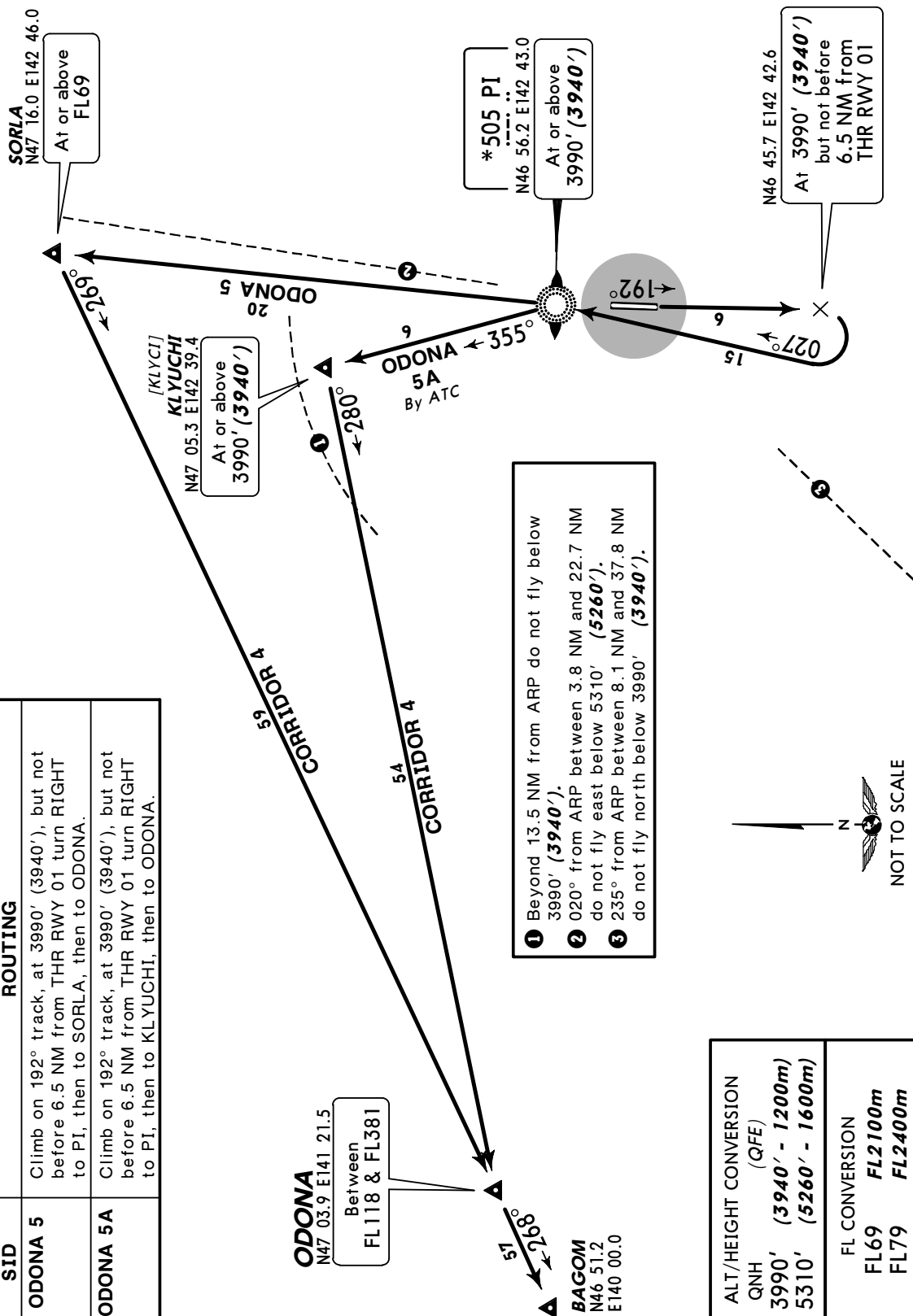
FL79 if pressure is less than 758 mm (1010.6 hPa)

FL89 if pressure is less than 731 mm (974.6 hPa).

Trans alt: 5310' **(5260')**



ODONA 5, ODONA 5A [ODON5A]
RWY 19 DEPARTURES



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16 OCT 09

(10-3L)

Eff 22 Oct

JEPPESEN

YUZHNO-SAKHALINSK, RUSSIA

SID

Apt Elev
59'

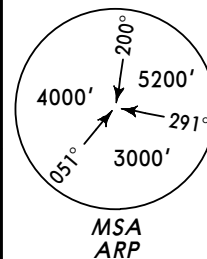
QNH on request (QFE)

Trans level: FL69

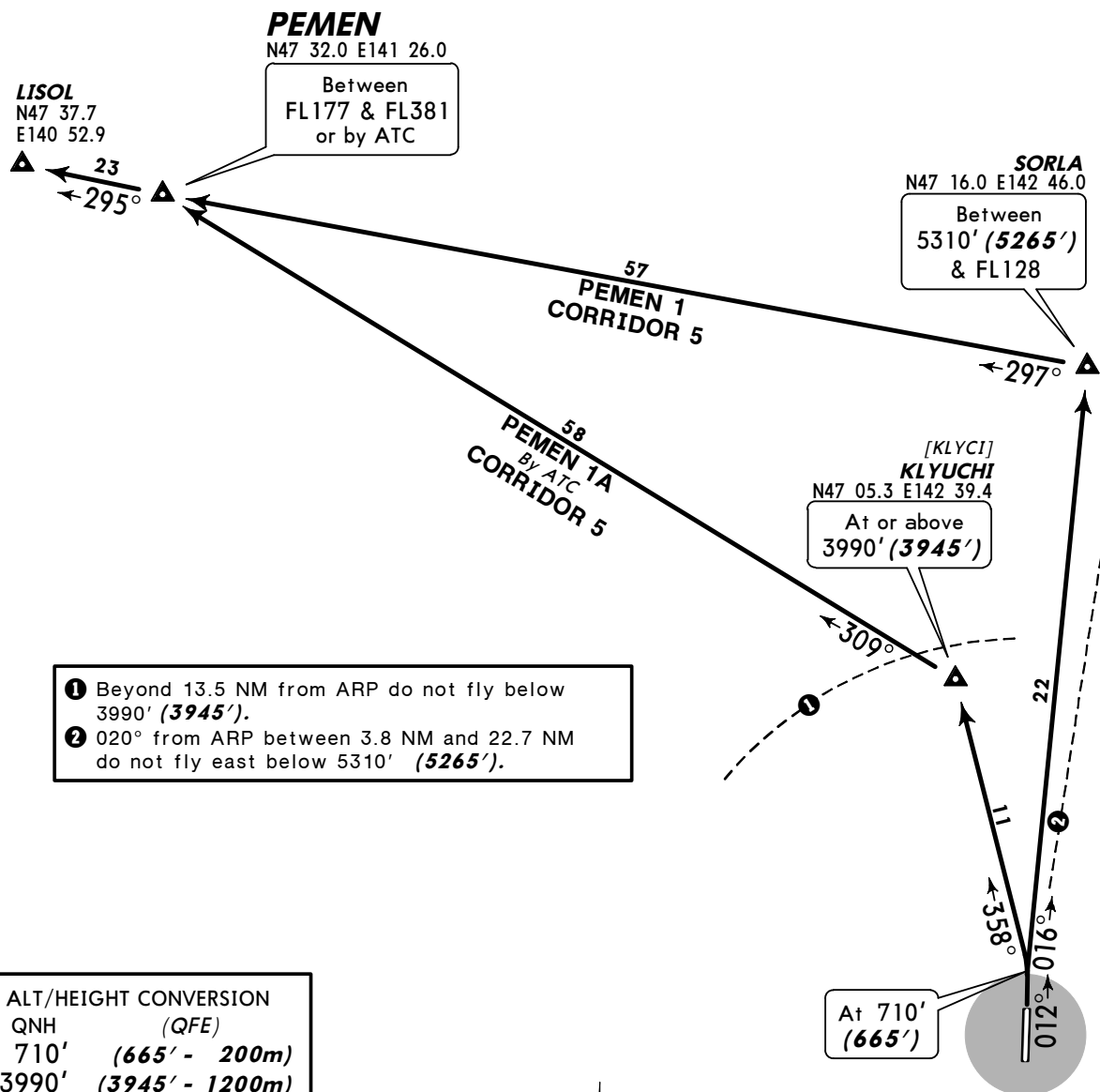
FL79 if pressure is less than 758 mm (1010.6 hPa)

FL89 if pressure is less than 731 mm (974.6 hPa).

Trans alt: 5310' (5265')



PEMEN 1, PEMEN 1A [PEME1A] RWY 01 DEPARTURES



ALT/HEIGHT CONVERSION	
QNH	(QFE)
710'	(665' - 200m)
3990'	(3945' - 1200m)
5310'	(5265' - 1600m)

FL CONVERSION	
FL69	FL2100m
FL79	FL2400m
FL89	FL2700m
FL128	FL3900m
FL177	FL5400m
FL381	FL11600m

SID	ROUTING
PEMEN 1	Climb on 012° track to 710' (665'), turn RIGHT to SORLA, then to PEMEN.
PEMEN 1A	Climb on 012° track to 710' (665'), turn LEFT to KLYUCHI, then to PEMEN.

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16 OCT 09

(10-3M)

Eff 22 Oct

JEPPESSEN YUZHNO-SAKHALINSK, RUSSIA

SID

Apt Elev
59'

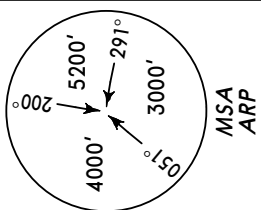
QNH on request (QFE)

Trans level: FL69

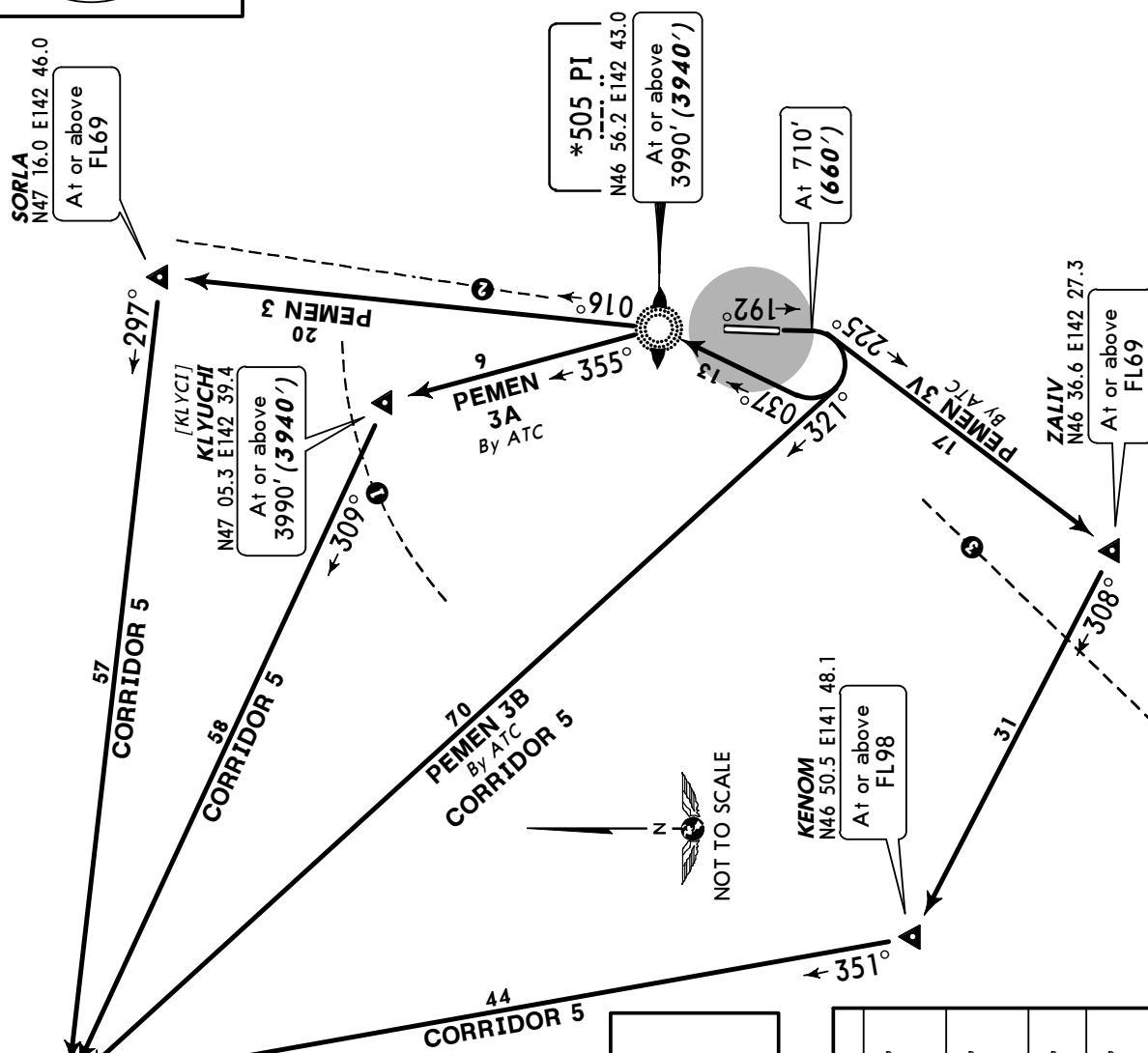
FL79 if pressure is less than 758 mm (1010.6 hPa)

FL89 if pressure is less than 731 mm (974.6 hPa).

Trans alt: 5310' (**5260'**)



**PEMEN 3, PEMEN 3A [PEME3A]
PEMEN 3B [PEME3B], PEMEN 3V [PEME3V]
RWY 19 DEPARTURES
FOR SIDS PEMEN 5 & 5A REFER TO CHART 10-3N**



PEMEN

N47 32.0
E141 26.0

Between
FL177 &
FL381
or by ATC

ALT/HEIGHT CONVERSION
QNH (QFE)

710' (660' - 200m)
3990' (3940' - 1200m)
5310' (5260' - 1600m)

FL CONVERSION

FL69 FL2100m
FL79 FL2400m
FL89 FL2700m
FL98 FL3000m
FL177 FL5400m
FL381 FL11600m

- 1 Beyond 13.5 NM from ARP do not fly below 3990' (**3940'**).
- 2 020° from ARP between 3.8 NM and 22.7 NM do not fly east below 5310' (**5260'**).
- 3 235° from ARP between 8.1 NM and 37.8 NM do not fly north below 3990' (**3940'**).

SID	ROUTING
PEMEN 3	Climb on 192° track to 710' (660'), turn RIGHT to PI, then to SORLA, then to PEMEN.
PEMEN 3A	Climb on 192° track to 710' (660'), turn RIGHT to PI, then to KLYUCHI, then to PEMEN.
PEMEN 3B	Climb on 192° track to 710' (660'), turn RIGHT to PEMEN.
PEMEN 3V	Climb on 192° track to 710' (660'), turn RIGHT to ZALIV, then to KENOM, then to PEMEN.

UHSS/UUS
KHOMUTOVO

16 OCT 09

(10-3N)

Eff 22 Oct

JEPPESSEN

YUZHNO-SAKHALINSK, RUSSIA

SID

Apt Elev
59'

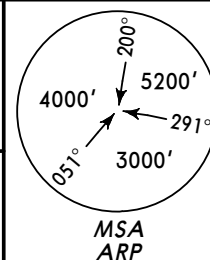
QNH on request (QFE)

Trans level: FL69

FL79 if pressure is less than 758 mm (1010.6 hPa)

FL89 if pressure is less than 731 mm (974.6 hPa).

Trans alt: 5310' (**5260'**)



PEMEN 5, PEMEN 5A [PEME5A] RWY 19 DEPARTURES

PEMEN

N47 32.0 E141 26.0

Between
FL177 & FL381
or by ATC

LISOL
N47 37.7
E140 52.9

23
295°

SORLA
N47 16.0 E142 46.0

At or above
FL69

57
CORRIDOR 5

297°

58
CORRIDOR 5

NOT TO SCALE

[KLYCI]
KLYUCHI
N47 05.3 E142 39.4
At or above
3990' (**3940'**)

- 1 Beyond 13.5 NM from ARP do not fly below 3990' (**3940'**).
- 2 020° from ARP between 3.8 NM and 22.7 NM do not fly east below 5310' (**5260'**).
- 3 235° from ARP between 8.1 NM and 37.8 NM do not fly north below 3990' (**3940'**).

ALT/HEIGHT CONVERSION
QNH (QFE)
3990' (**3940'** - 1200m)
5310' (**5260'** - 1600m)

FL CONVERSION
FL69 **FL2100m**
FL79 **FL2400m**
FL89 **FL2700m**
FL177 **FL5400m**
FL381 **FL11600m**

***505 PI**
N46 56.2 E142 43.0
At or above
3990' (**3940'**)

N46 45.7 E142 42.6
At 3990' (**3940'**)
but not before
6.5 NM from
THR RWY 01

SID	ROUTING
PEMEN 5	Climb on 192° track, at 3990' (3940'), but not before 6.5 NM from THR RWY 01 turn RIGHT to PI, then to SORLA, then to PEMEN.
PEMEN 5A	Climb on 192° track, at 3990' (3940'), but not before 6.5 NM from THR RWY 01 turn RIGHT to PI, then to KLYUCHI, then to PEMEN.

UHSS/UUS
KHOMUTOVO

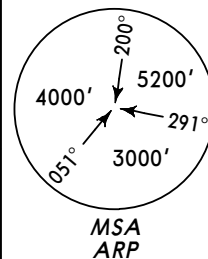
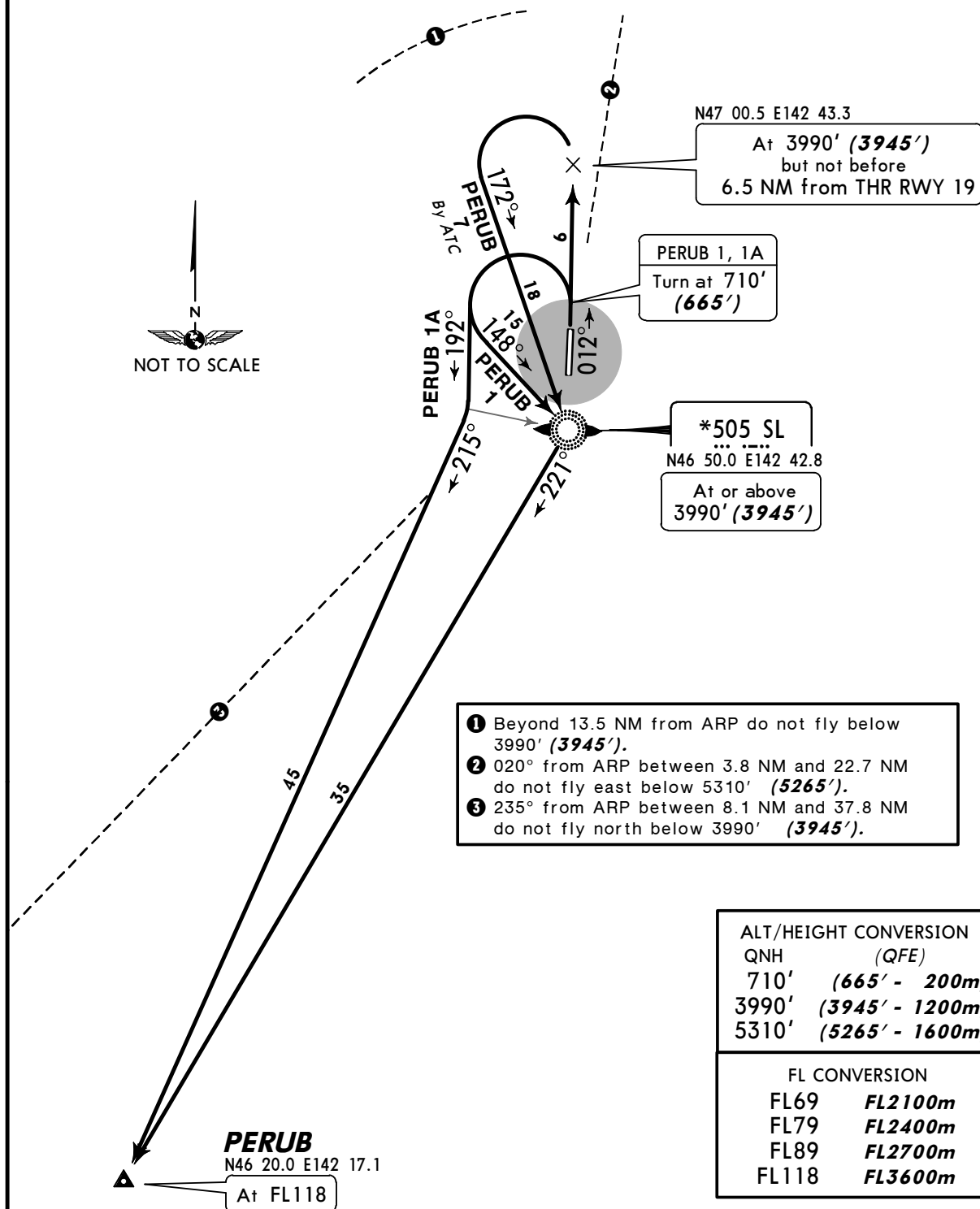
16 OCT 09

(10-3P)**Eff 22 Oct****JEPPESEN****YUZHNO-SAKHALINSK, RUSSIA****SID****Apt Elev**
59'QNH on request **(QFE)**

Trans level: FL69

FL79 if pressure is less than 758 mm (1010.6 hPa)

FL89 if pressure is less than 731 mm (974.6 hPa).

Trans alt: 5310' **(5265')****PERUB 1, PERUB 1A [PERU1A], PERUB 7**
RWY 01 DEPARTURES

SID	ROUTING
PERUB 1	Climb on 012° track to 710' (665'), turn LEFT to SL, then to PERUB.
PERUB 1A	Climb on 012° track to 710' (665'), turn LEFT, 192° track, climb to abeam SL, then to PERUB.
PERUB 7	Climb on 012° track, at 3990' (3945'), but not before 6.5 NM from THR RWY 19 turn LEFT to SL, then to PERUB.

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16 OCT 09

JEPPESEN

(10-3Q)

Eff 22 Oct

YUZHNO-SAKHALINSK, RUSSIA

SID

Apt Elev
59'

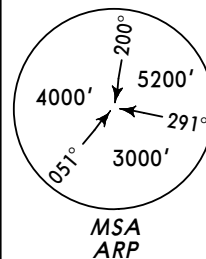
QNH on request **(QFE)**

Trans level: FL69

FL79 if pressure is less than 758 mm (1010.6 hPa)

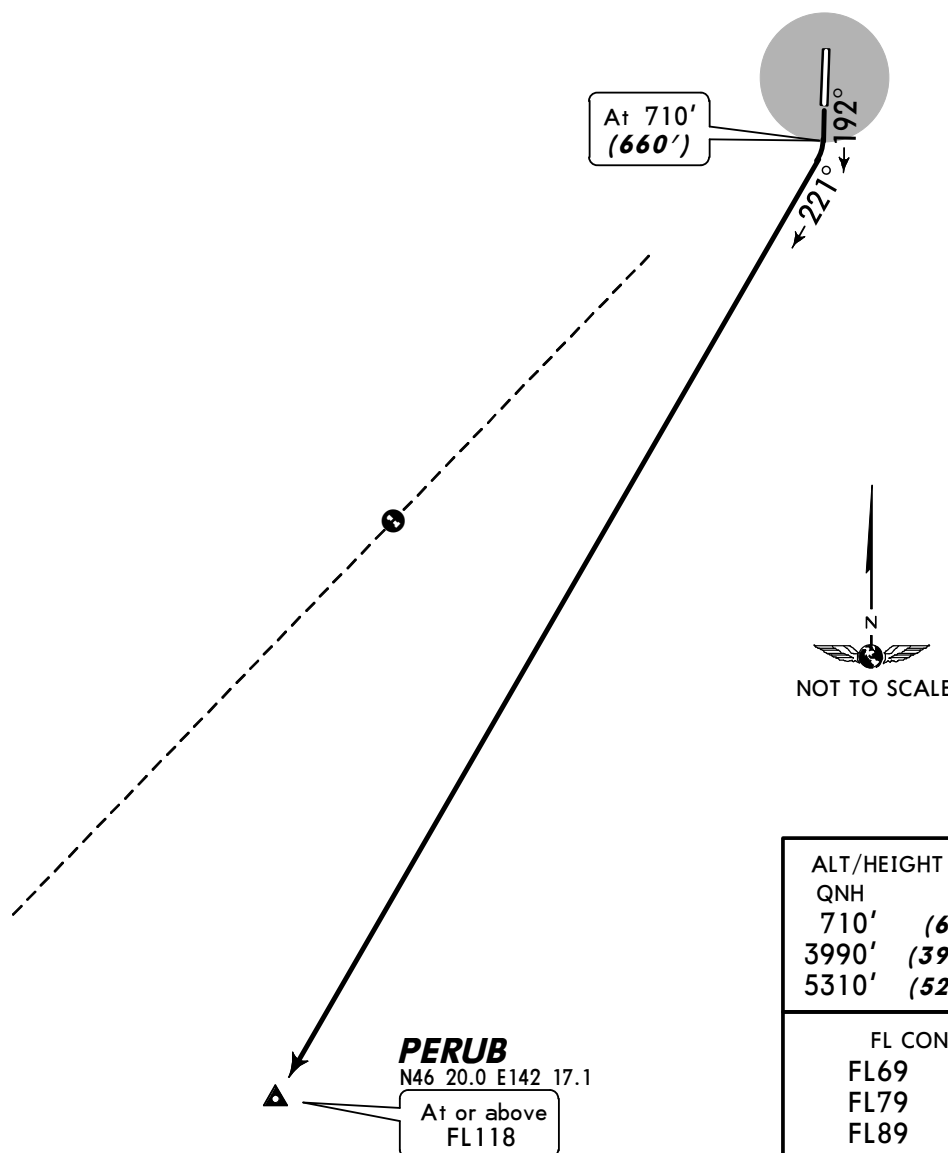
FL89 if pressure is less than 731 mm (974.6 hPa).

Trans alt: 5310' **(5260')**



PERUB 3
RWY 19 DEPARTURE

1 235° from ARP between
8.1 NM and 37.8 NM do not
fly north below 3990' **(3940')**.



ALT/HEIGHT CONVERSION	
QNH	(QFE)
710'	(660' - 200m)
3990'	(3940' - 1200m)
5310'	(5260' - 1600m)

FL CONVERSION	
FL69	FL2100m
FL79	FL2400m
FL89	FL2700m
FL118	FL3600m

ROUTING

Climb on 192° track to 710' (660'), turn RIGHT to PERUB

UHSS/UUS

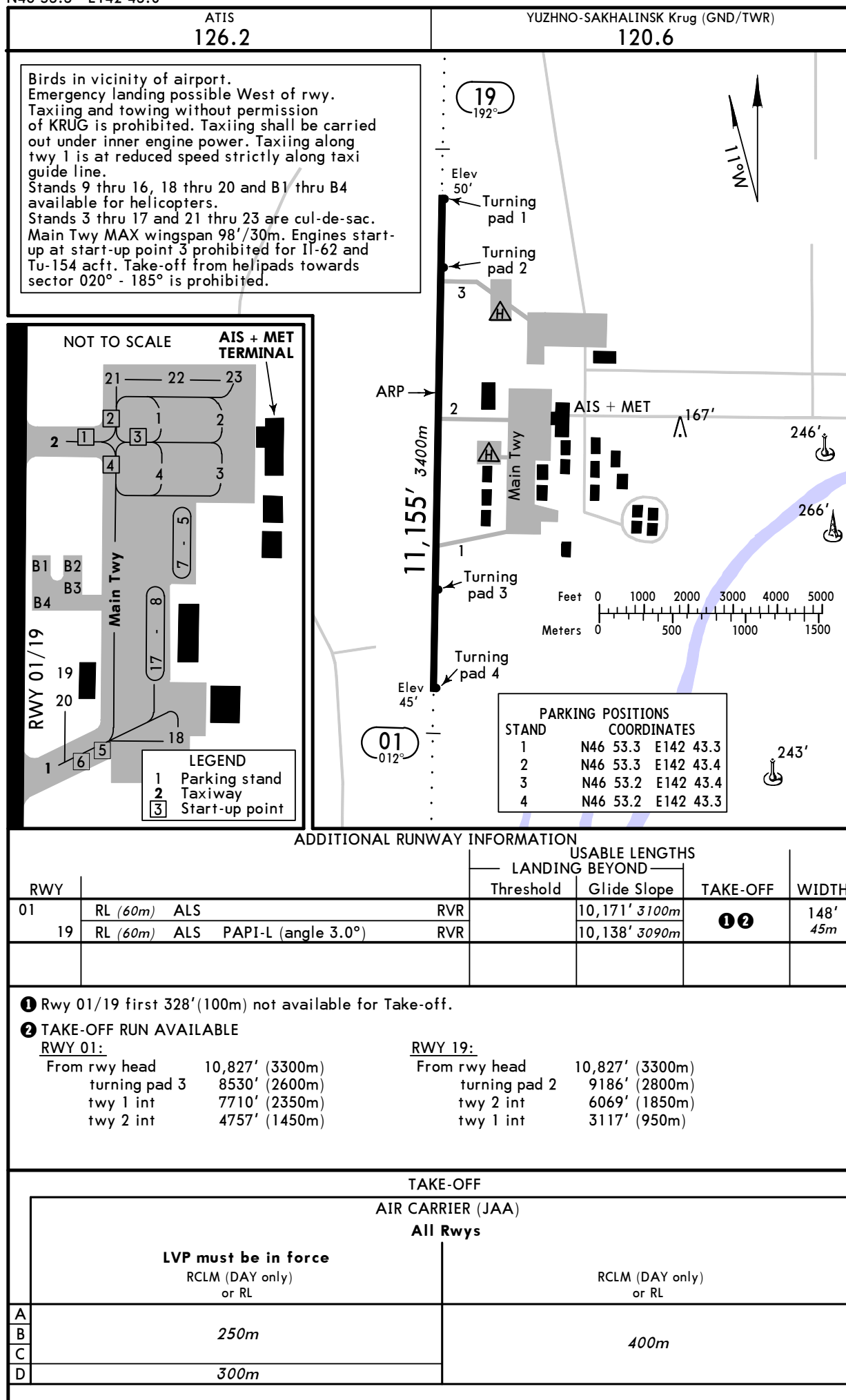
Apt Elev **59'**
N46 53.3 E142 43.0

JEPPesen

5 NOV 10 (10-9)

YUZHNO-SAKHALINSK, RUSSIA

KHOMUTOVO



UHSS/UUS

 **JEPPESEN**

3 SEP 10

10-9X**YUZHNO-SAKHALINSK, RUSSIA****JAA MINIMUMS****KHOMUTOVO**

STRAIGHT-IN RWY		A	B	C	D
01	ILS	245' (200')	245' (200')	245' (200')	245' (200')
		R800m	R800m	R800m	R800m
	<i>ALS out</i>	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	2 NDB	390' (345')	390' (345')	390' (345')	390' (345')
		R1300m	R1400m	R1600m	R1800m
	<i>ALS out</i>	R1500m	R1500m	R1800m	R2000m
19	NDB (with FAF)	850' (805')	850' (805')	850' (805')	850' (805')
		R1500m	R1500m	R2000m	R2000m
	NDB (w/o FAF)	1050' (1005')	1050' (1005')	1050' (1005')	1050' (1005')
		R1500m	R1500m	R2000m	R2000m
	ILS	250' (200')	250' (200')	250' (200')	250' (200')
		R800m	R800m	R800m	R800m
	<i>ALS out</i>	R1000m	R1000m	R1000m	R1000m
	LOC	NOT AUTH	NOT AUTH	NOT AUTH	NOT AUTH
	2 NDB (with FAF)	450' (400')	450' (400')	450' (400')	450' (400')
		R1300m	R1400m	R1600m	R1800m
	<i>ALS out</i>	R1500m	R1500m	R1800m	R2000m
	2 NDB (w/o FAF)	1320' (1270')	1320' (1270')	1320' (1270')	1320' (1270')
		R1500m	R1500m	R2000m	R2000m
	NDB (LOM with FAF)	1600' (1550')	1600' (1550')	1600' (1550')	1600' (1550')
		R1500m	R1500m	R2000m	R2000m
	NDB (LMM with FAF)	1880' (1830')	1880' (1830')	1880' (1830')	1880' (1830')
		R1500m	R1500m	R2000m	R2000m
	NDB (w/o FAF)	2190' (2140')	2190' (2140')	2190' (2140')	2190' (2140')
		R1500m	R1500m	R2000m	R2000m

TAKE-OFF RWY 01, 19

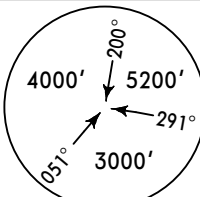
LVP must be in Force			
	RCLM (DAY only) or RL	RCLM (DAY only) or RL	NIL (DAY only)
A			
B	250m	400m	500m
C			
D	300m		

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5 NOV 10

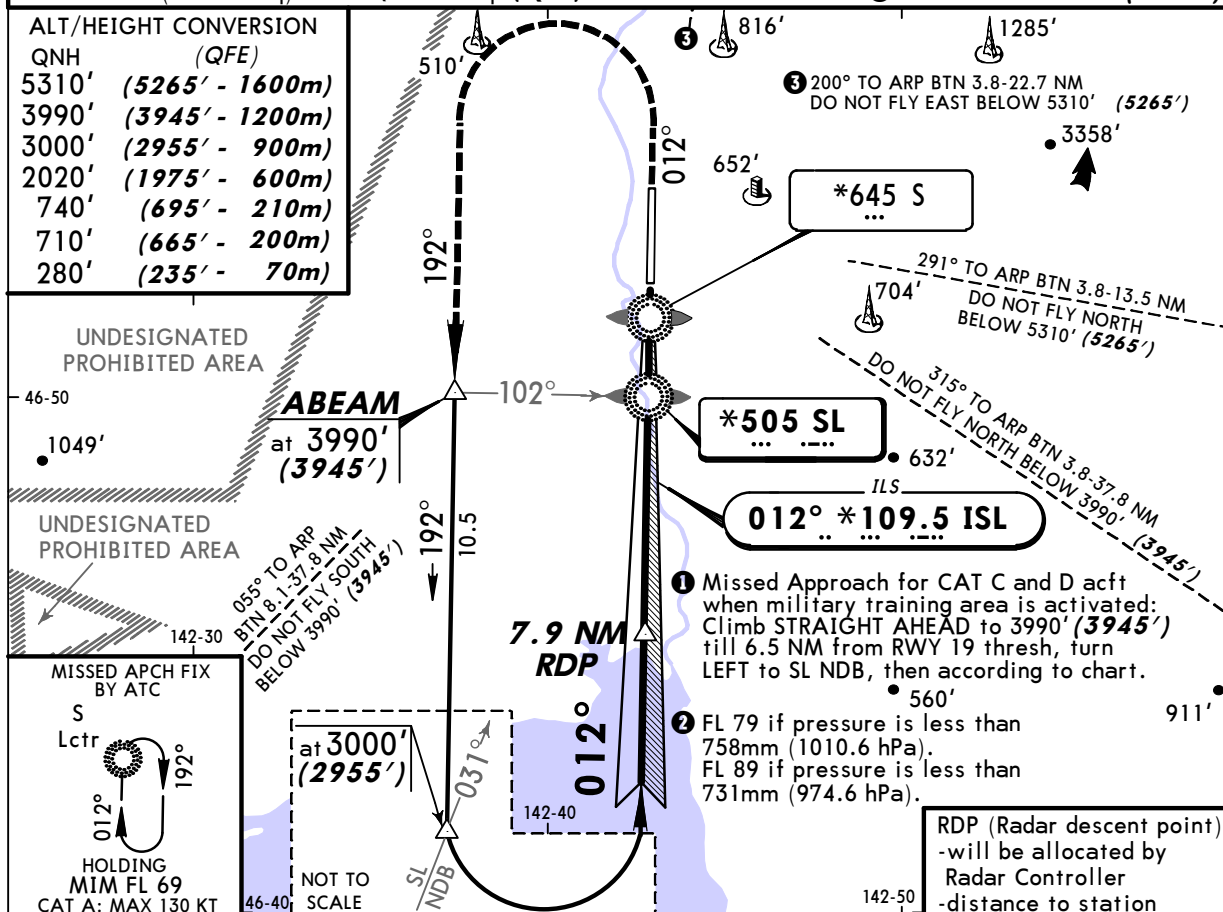
JEPPesen YUZHNO-SAKHALINSK, RUSSIA
10 (11-1) ILS or 2 NDB or NDB Rwy 01

ILS or 2 NDB or NDB Rwy 01

BRIEFING STRIP TM	ATIS 126.2		YUZHNO-SAKHALINSK Krug (APP/SRE/TWR) 120.6		Ground 120.6	
	LOC ISL *109.5	Final Apch Crs 012°	GS LOM 734' (689')	ILS DA(H) 245' (200')	Apt Elev 59' RWY 45'	
	NDB SL *505		Minimum Alt 7.9 NM RDP 2020' (1975')	NDB MDA(H) Refer to Minimums		
	MISSED APCH: Climb on 012° to 710' (665'), then turn LEFT onto 192° climbing to 3990' (3945') to ABEAM SL NDB, then according to chart, or By ATC: Proceed to holding area. ①					

Alt Set: MM (hPa on req) QNH on req **(QFE)** Trans level: FL 69 **2** Trans alt: 5310' (**5265'**)

ALT/HEIGHT CONVERSION	
QNH	(QFE)
5310'	(5265' - 1600m)
3990'	(3945' - 1200m)
3000'	(2955' - 900m)
2020'	(1975' - 600m)
740'	(695' - 210m)
710'	(665' - 200m)
280'	(235' - 70m)



<i>Gnd speed-Kts</i>	70	90	100	120	140	160		ALS ⬛ ⋮ + ⋮ ⋮	Refer to Missed Apch above
<i>ILS GS or NDB Descent angle 2.67°</i>	336	432	480	576	671	767			

STRAIGHT-IN LANDING RWY 01									
ILS			LOC (GS out)	2 NDB		NDB			
<i>DA(H)</i> 245'(200')		ALS out		<i>MDA(H)</i> 390'(345')		with FAF <i>MDA(H)</i> 850'(805')		w/o FAF <i>MDA(H)</i> 1050'(1005')	
FULL					ALS out		ALS out		ALS out
A	1200m		NOT AUTH	RVR 1500m VIS 1600m		3200m		3200m	
B									
C				3600m		4800m			
D				RVR 1800m VIS 2000m				4000m	

CHANGES: ATIS.

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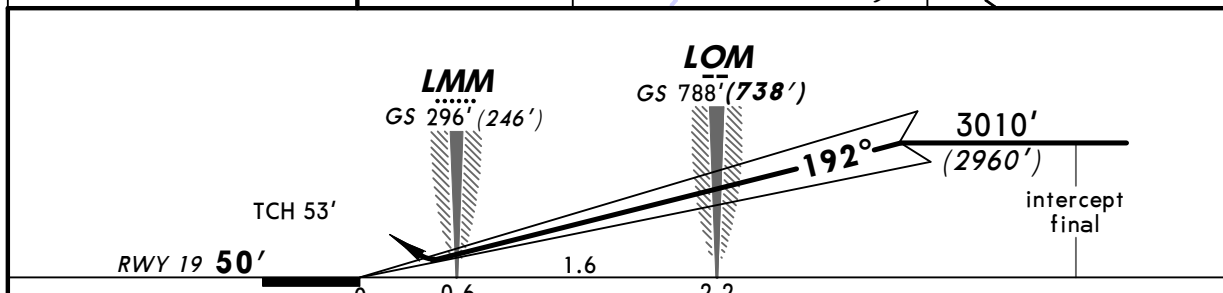
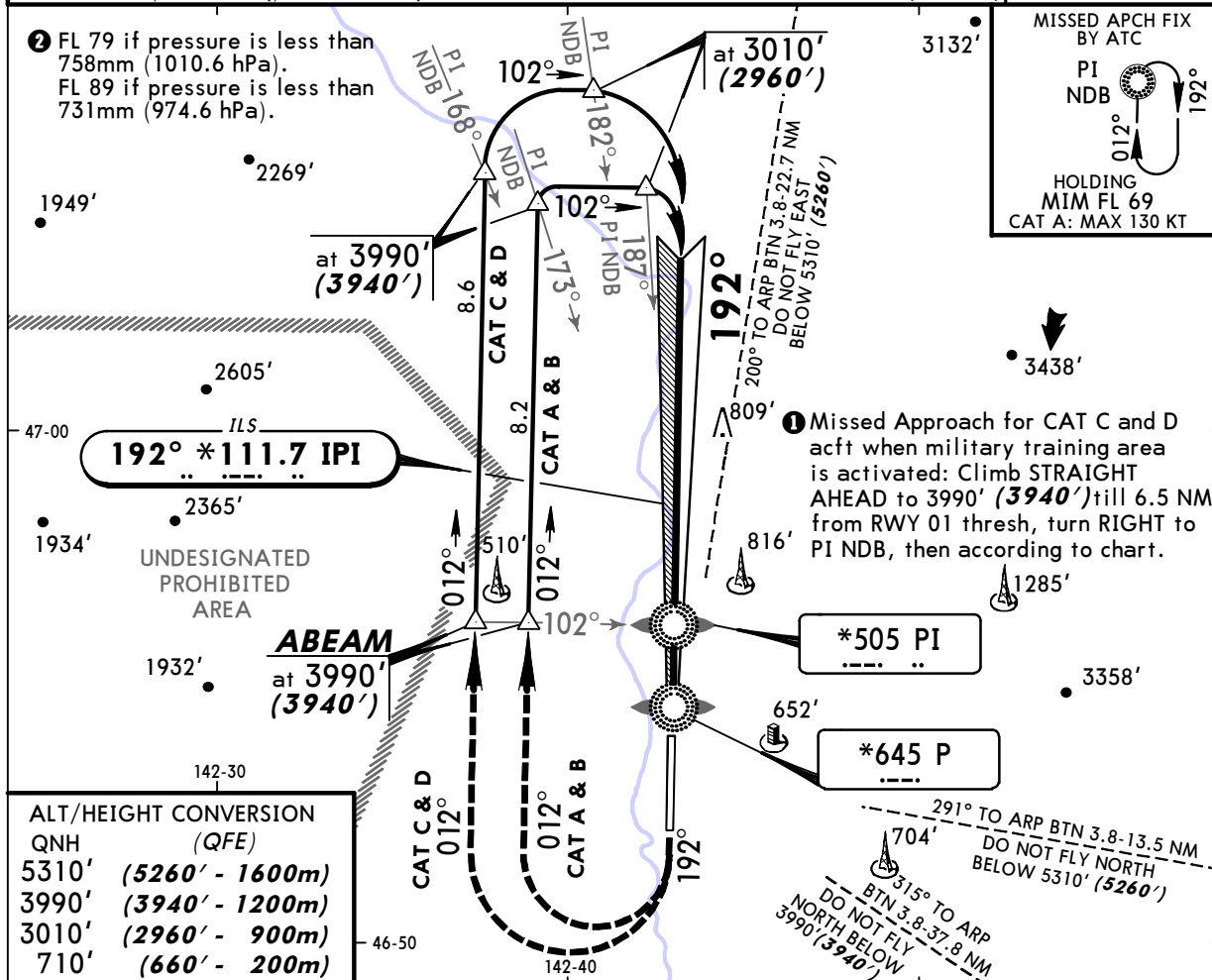
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KHOMUTOVO

5 NOV 10 **(11-2)**

YUZHNO-SAKHALINSK, RUSSIA
ILS Rwy 19

BRIEFING STRIP

ATIS 126.2		YUZHNO-SAKHALINSK Krug (APP/SRE/TWR) 120.6			Ground 120.6
LOC IPI *111.7	Final Apch Crs 192°	GS LOM 788' (738')	ILS DA(H) 250' (200')	Apt Elev 59' RWY 50'	
MISSED APCH: Climb on 192° to 710' (660'), then turn RIGHT onto 012° climbing to 3990' (3940') to ABEAM PI NDB, then according to chart, or By ATC: Proceed to holding area. ①					
Alt Set: MM(hPa on req) QNH on req (QFE) Trans level: FL 69 ② Trans alt: 5310' (5260')					



Gnd speed-Kts	70	90	100	120	140	160	ALS PAPI Refer to Missed Apch above
GS	3.00°	377	484	538	646	753	

STRAIGHT-IN LANDING RWY 19		LOC (GS out)	
ILS DA(H) 250' (200')		LOC (GS out)	
FULL		ALS out	
A	1200m		NOT AUTH
B			
C			
D			

PANS OPS

UHSS/UUS
KHOMUTOVO

5 NOV 10

(16-1)

JEYPESEN YUZHNO-SAKHALINSK, RUSSIA
5 NOV 10 (16-1) 2 NDB or NDB Rwy 19

2 NDB or NDB Rwy 19

ATIS 126.2		YUZHNO-SAKHALINSK Krug (APP/SRE/TWR) 120.6		Ground 120.6	
NDB PI *505	Final Apch Crs 192°	Minimum Alt 9.0 NM RDP 3010' (2960')	MDA(H) Refer to Minimums	Apt Elev 59' RWY 50'	

MISSED APCH: Climb on 192° to 710' (660'), then turn RIGHT onto 012° climbing to 3990' (3940') to ABEAM PI NDB, then according to chart, or
By ATC: Proceed to holding area. ①

Alt Set: MM(hPa on req) QNH on req (**QFE**) Trans level: FL 69 **2** Trans alt: 5310' (**5260'**)

- RDP (Radar descent point)
 - will be allocated by Radar Controller
 - distance to station

- 2 FL 79 if pressure is less than 758mm (1010.6 hPa).
FL 89 if pressure is less than 731mm (974.6 hPa).

1949' at 3990'
(3940')

2605'

— 47-00

● 1934' ● 2365'

UNDESIGNATED
PROHIBITED
AREA

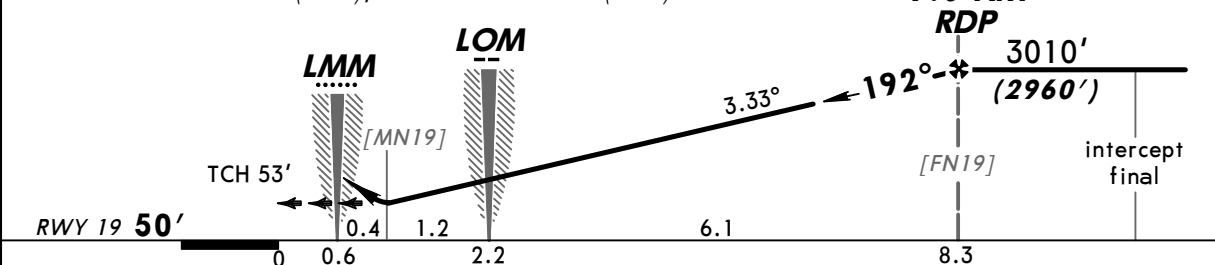
ABEAM

at 3990'
(3940')

ALT/HEIGHT CONVERSION
QNH (QFE)

5310' (5260' - 1600m)
3990' (3940' - 1200m)
3010' (2960' - 900m)
870' (820' - 250m)
710' (660' - 200m)
320' (270' - 80m)

Pass LOM not below 870' (820'), LMM not below 320' (270').



<i>Gnd speed-Kts</i>	70	90	100	120	140	160	ALS PAPI Refer to Missed Apch above
<i>Descent angle</i> 3.33°	412	530	589	707	825	943	

STRAIGHT-IN LANDING RWY 19

		2 NDB				NDB					
		with FAF MDA(H)		w/o FAF MDA(H)		LOM with FAF MDA(H)		LMM with FAF MDA(H)		w/o FAF MDA(H)	
		450' (400')		1320' (1270')		1600' (1550')		1880' (1830')		2190' (2140')	
		ALS out		ALS out		ALS out		ALS out		ALS out	
A	RVR 1500m VIS 1600m			3200m		3200m		3200m		3200m	
B											
C											
D	RVR 1800m VIS 2000m			4800m		4800m		4800m		4800m	

CHANGES: ATIS.

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