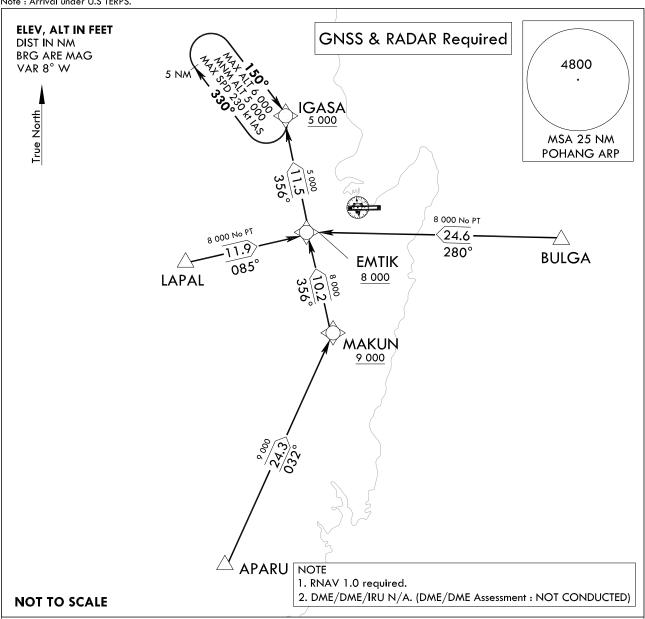
STANDARD ARRIVAL CHART TRANSITION ALT 14 000 TRANSITION LVL FL 140

124.25 232.4 118.05 120.2 POHANG APP POHANG TWR 236.6

POHANG/Pohang Gyeongju(RKTH) RNAV(GNSS) EMTIK 1 **RWY 10**

Note: Arrival under U.S TERPS.



ARRIVAL ROUTE DESCRIPTION

LAPAL TRANSITION: From LAPAL track 085° to cross EMTIK at or above 8 000 ft, thence...

APARU TRANSITION : From APARU track 032° to cross MAKUN at or above 9 000 ft, then track 356°

to cross EMTIK at or above 8 000 ft, thence......

BULGA TRANSITION: From BULGA track 280° to cross EMTIK at or above 8 000 ft, thence.....

LANDING RWY 10: From EMTIK track 356° to cross IGASA at or above 5 000 ft,

then expect RNAV approach.

OFFICE OF CIVIL AVIATION

POHANG/Pohang Gyeongju(RKTH) RNAV(GNSS) EMTIK 1 RWY 10

AERONAUTICAL DATA TURBULATION

| Tables |
|--------------|
| Coding |
| ocedure |
| Arrival Pr |
| Instrument A |
| Standard |

| ≝ | RNAV EMTIK 1 - LAPAL Transition | Transition | | | | | | | | | | |
|------------------|---------------------------------|------------------------|--------------|--|------------------|-------------------|------------------|---------------|----------------------------|-------------|--------------------------------------|---------|
| Serial Number | Path Descriptor | Waypoint Identifier | Fly- over | $\begin{array}{ccccc} \text{Path} & \text{Waypoint} & \text{Fly-} & \text{Course/Track} & \text{Distance} \\ \text{Descriptor} & \text{Identifier} & \text{over} & {}^{\circ}\text{M}({}^{\circ}\text{T}) & (\text{NM}) \end{array}$ | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | Coordinates | VPA/ TCH | /PA/ Navigation TCH specification | Remarks |
| | ¥ | LAPAL | ı | ı | - | ı | - | - | 35°54'12.6"N 129°04'52.0"E | 1 | RNAV 1 | ı |
| | Ľ | EMTIK | ı | 085 (076.9) | 11.9 | | +8 000 | ı | 35°56'53.9"N 129°19'09.8"E | , | RNAV 1 | , |
| İ | | | | | | | | | | | | |

| | RNAV EMTIK 1 - APARU Transition | Transition | | | | | | | | | | | |
|-----|---------------------------------|------------------------|--------------|---|------------------|---|------------------|---------------|----------------------------|-------------|--------------------------------------|---------|--|
| | Path Descriptor | Waypoint Identifier | Fly- over | Serial Path Waypoint Fly- Course/Track Distance Number Descriptor Identifier over ${}^{\circ}M({}^{\circ}T)$ (NM) | Distance (NM) | Turn Altitude Speed direction (ft) (kt) | Altitude (ft) | Speed (kt) | Coordinates | VPA/ TCH | VPA/ Navigation TCH specification | Remarks | |
| 100 | Ŧ | APARU | ı | 1 | ı | п | | | 35°24'42.1"N 129°09'32.1"E | 1 | RNAV 1 | • | |
| | JI. | WAKUN | ı | 032 (024.4) | 24.3 | | 000 6+ | 1 | 35°46'53.0"N 129°21'52.8"E | ı | RNAV 1 | - | |
| 003 | TF | EMTIK | ı | 356 (347.6) | 10.2 | 1 | +8 000 | ı | 35°56'53.9"N 129°19'09.8"E | ı | RNAV 1 | - | |

| E 6 | - je | Serial Path Waypoint Fly- Course/Track Vumber Descriptor Identifier over °M(°T) | Distance (NM) | Turn direction | Turn Altitude Speed direction (ft) (kt) | Speed (kt) | Coordinates | VPA/ TCH | Navigation specification | Remarks |
|-----|------|---|------------------|-------------------|---|---------------|----------------------------|-------------|-----------------------------|---------|
| • | | ı | | ı | 1 | 1 | 35°56'08.6"N 129°49'24.4"E | ı | RNAV 1 | |
| • | | - 280 (271.9) | 24.6 | | +8 000 | | 35°56'53.9"N 129°19'09.8"E | - | RNAV 1 | i |

| VPA/ Navigation TCH specification | RNAV 1 | RNAV 1 |
|--|----------------------------|----------------------------|
| VPA/ TCH | ı | ı |
| Coordinates | 35°56'53.9"N 129°19'09.8"E | 36°08'10.4"N 129°16'16.6"E |
| Speed (kt) | | -230 |
| Altitude (ft) | ı | +5 000 |
| Turn direction | | • |
| Distance (NM) | ıİI | 11.5 |
| $\begin{array}{ccccc} \text{Path} & \text{Waypoint} & \text{Fly-} & \text{Course/Track} & \text{Distance} \\ \text{Descriptor} & \text{Identifier} & \text{over} & {}^{\circ}\text{M}({}^{\circ}\text{T}) & \text{(NM)} \end{array}$ | | 356 (348.3) |
| Fly- over | ı | - |
| Waypoint Identifier | EMTIK | IGASA |
| Path Descriptor | TF | Ŧ |
| Serial Number | 100 | 002 |

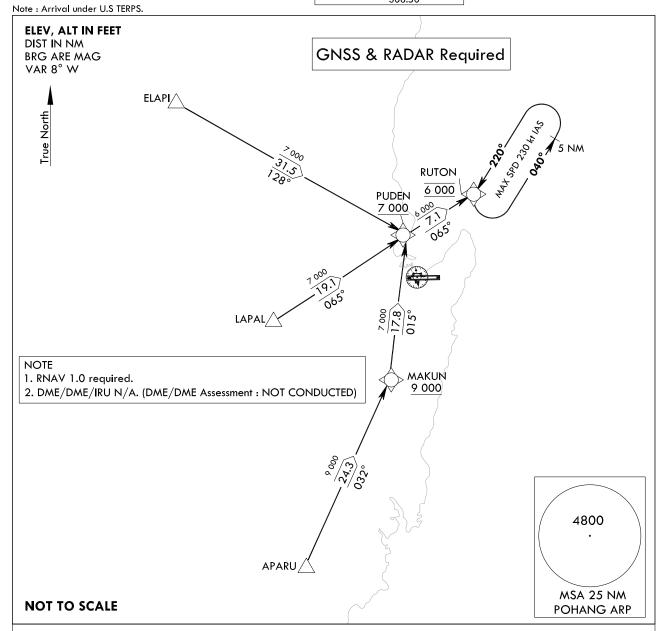
| | Remarks | Inbound Leg |
|----------------|-----------------------------|------------------------------|
| | Navigation specification | RNAV 1 |
| | VPA/ TCH | ı |
| | Coordinates | 36°08'10.4"N 129°16'16.6"E |
| | Speed (kt) | -230 |
| | Altitude (ft) | 000 9 - +5 000 |
| | Turn direction | В |
| | Distance (NM) | 5 |
| | Course/Track °M(°T) | 150 |
| | Fly- over | |
| | Waypoint Identifier | IGASA |
| | Path Descriptor | WH |
| JUNG PROCEDURE | Holding Identification | RNAV RWY 10 |

Change : Information of aerodrome name(Pohang \rightarrow Pohang Gyeongju).

STANDARD ARRIVAL CHART **INSTRUMENT (STAR)**

TRANSITION ALT 14 000 TRANSITION LVL FL 140

124.25 232.4 118.05 308.50 120.2 POHANG APP POHANG TWR 236.6 POHANG/Pohang Gyeongju(RKTH) RNAV PUDEN 1 **RWY 28**



ARRIVAL ROUTE DESCRIPTION

ELAPI TRANSITION: From ELAPI track 128° to cross PUDEN at or above 7 000 ft, thence....

LAPAL TRANSITION : From LAPAL track 065° to cross PUDEN at or above 7 000 ft, thence....

APARU TRANSITION: From APARU track 032° to cross MAKUN at or above 9 000 ft, then track 015° to

cross PUDEN at or above 7 000 ft, thence....

LANDING RWY 28: From PUDEN track 065° to cross RUTON at 6 000 ft, then expect RNAV approach.

OFFICE OF CIVIL AVIATION

POHANG/Pohang Gyeongju(RKTH) RNAV PUDEN 1 **RWY 28**

AERONAUTICAL DATA TABULATION

| es | | |
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| Standard Instrument Arrival Procedure Coding 1dt | | |
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| Serial Number | Path Descriptor | Waypoint Identifier | Fly- over | Course/Track °M(°T) | k Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | | Coordinates | VPA/ TCH | Navigation specification | | Remarks |
|------------------|---------------------------------|-------------------------------|--------------|----------------------------------|------------------------|-------------------|-------------------|------------------|---------------|------------------------------|-------------|-----------------------------|-----------------------------|---------|
| 100 | 11 | ELAPI | ı | ı | ı | - | | ı | 36°20'1 | 36°20'14.1"N 128°50'50.9"E | ı | RNAV 1 | | ı |
| 002 | Ħ | PUDEN | ı | 128 (119.6) | 31.5 | | +7 000 | ı | 36°04'3 | 36°04'36.0"N 129°24'35.5"E | ı | RNAV 1 | | ı |
| V PUDE | RNAV PUDEN 1 - LAPAL Transition | Transition | | | | | | | | | | | | |
| Serial Number | Path Descriptor | Waypoint Identifier | Fly- over | Course/Track °M(°T) | k Distance (NM) | Turn direction | Altitude (ff) | Speed (kt) | | Coordinates | VPA/ TCH | Navigation specification | | Remarks |
| 100 | Ħ | LAPAL | Ü | 1 | ı | ı | ı | ı | 35°54'1 | 35°54'12.6"N 129°04'52.0"E | 1 | RNAV 1 | | 1 |
| 002 | Ħ | PUDEN | 1 | 065 (057.0) | 19.1 | - | +7 000 | ı | 36°04'3 | 36°04'36.0"N 129°24'35.5"E | ı | RNAV 1 | | 1 |
| / PUDE | RNAV PUDEN 1 - APARU Transition | J Transition | | | | | | | | | | | | |
| Serial Number | Path Descriptor | Waypoint Identifier | Fly- over | Course/Track °M(°T) | k Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | | Coordinates | VPA/ TCH | Navigation specification | | Remarks |
| 100 | TF | APARU | ı | 1 | ı | = | 1 | ı | 35°24'4 | 35°24'42.1"N 129°09'32.1"E | • | RNAV 1 | | ı |
| 002 | ΤF | MAKUN | ı | 032 (024.4) | .) 24.3 | - | 000 6+ | 1 | 35°46'5. | 35°46'53.0"N 129°21'52.8"E | | RNAV 1 | | |
| 003 | Ŧ | PUDEN | ı | 015(007.1) | 17.8 | • | +7 000 | | 36°04'3 | 36°04'36.0"N 129°24'35.5"E | ı | ı | | ı |
| / PUDE | N 1 - LANDII | RNAV PUDEN 1 - LANDING RWY 28 | | | | | | | | | | | | |
| Serial Number | Path Descriptor | Waypoint Identifier | Fly- over | Course/Track °M(°T) | k Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | | Coordinates | VPA/ TCH | Navigation specification | | Remarks |
| 100 | Ħ | PUDEN | ı | ı | ı | 1 | 1 | ı | 36°04'3 | 36°04'36.0"N 129°24'35.5"E | 1 | 1 | | ı |
| 002 | Ħ | RUTON | 1 | 065 (057.2) | 1.7 (| - | 000 9@ | -230 | 36°08'2 | 36°08'26.0"N 129°31'55.0"E | ı | RNAV 1 | | ı |
| OING P | HOLDING PROCEDURE | | | | | | | | | | | - | _ | |
| Ho | Holding Identification | Path Descriptor | Way | Waypoint Fly- Identifier over | Course/Track °M(°T) | Distance (NM) | Turn direction | Altitude (ft) | Speed (kt) | Coordinates | | VPA/ TCH | Navigation specification | Remarks |
| 9C V/4/9 V 4 149 | 00 70 100 | 7 41. | : | | | , | | | 000 | 1,0 11,10°00 1 14,0 70,00°70 | -1101- | | | - |

Change : Information of aerodrome name(Pohang ightarrow Pohang Gyeongju).