

# 飛航管理程序修編小組第 87 次會議議程

113 年 4 月 12 日

## 一、主席致詞

## 二、第 86 次會議未完成事項

(一) 修訂第 4-8-1 節 (進場許可)、第 4-3-2 節 (離場許可)、第 4-7-1 節 (許可資料) 及第 5-6-2 節 (方法) 之內容— 總臺提案

(二) 修訂第 8-3-2 節 (最低隔離) 之內容— 航管組提案

## 三、臨時動議

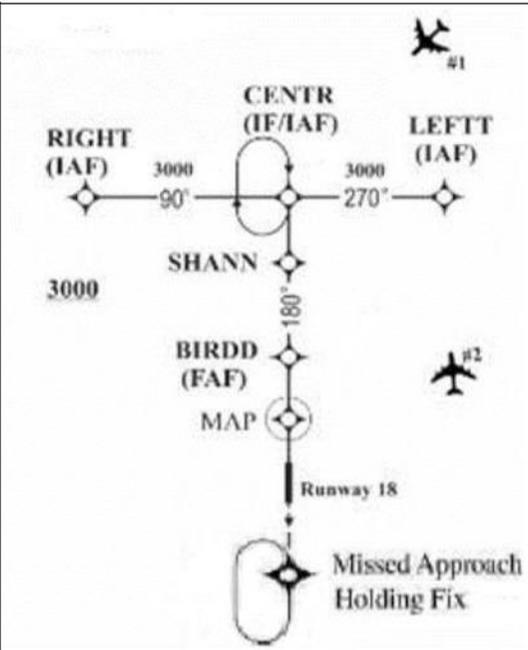
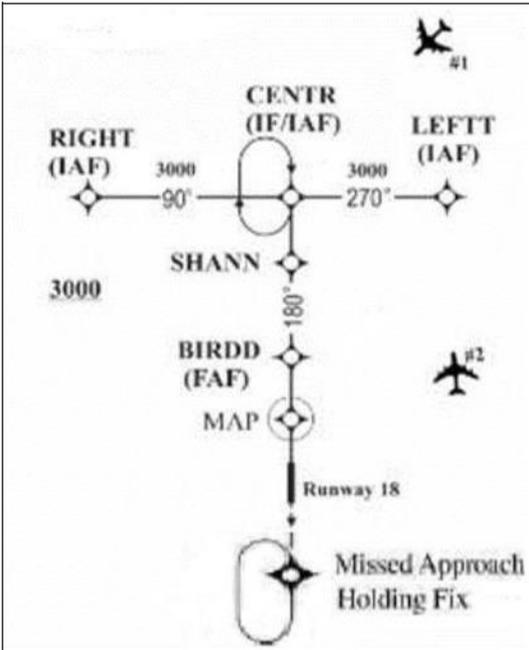
## 四、散會

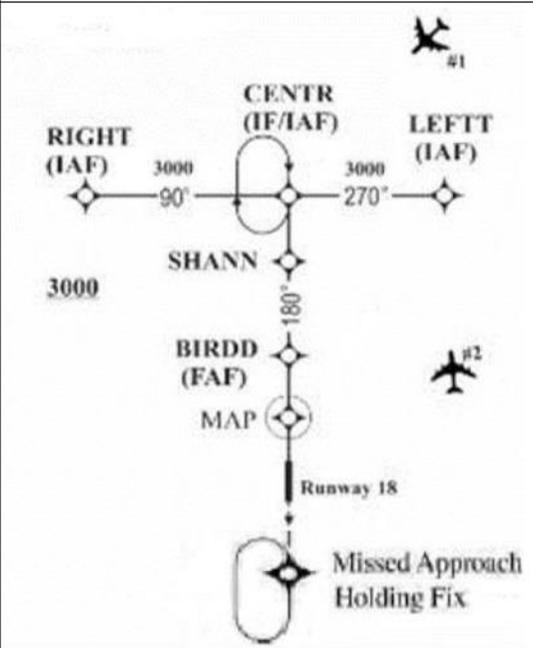
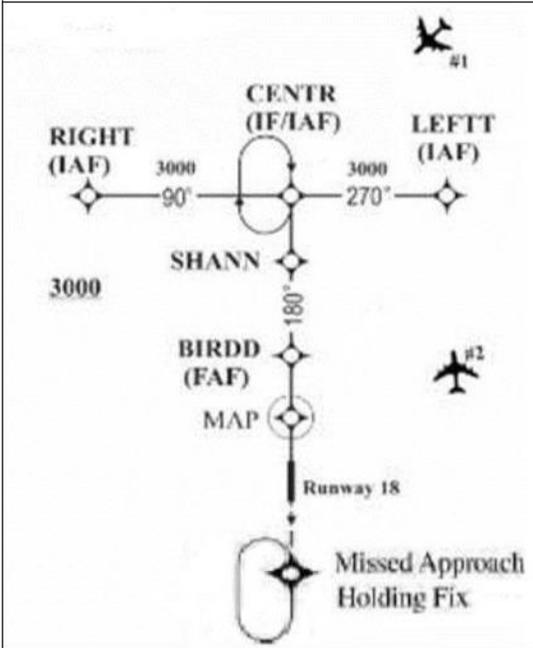
## 二、第 86 次會議未完成事項

(一) 修訂第 4-8-1 節 (進場許可)、第 4-3-2 節 (離場許可)、第 4-7-1 節 (許可資料) 及第 5-6-2 (方法) 之內容－總臺提案

### 1. 4-8-1 APPROACH CLEARANCE 進場許可

| FAA/ICAO 原文參考資料 | 建議修正文字   | ATMP 現行章節  | 說明  |
|-----------------|--|--|---|
|                 | <p><b>4-8-1 APPROACH CLEARANCE</b><br/>(略)</p> <p>g. For RNAV-equipped aircraft operating on unpublished routes, issue approach clearance for conventional or RNAV SIAP only after the aircraft is (See FIG 4-8-3):</p> <p><b>FIG 4-8-3</b><br/>Approach Clearance Example For RNAV Aircraft</p> | <p><b>4-8-1 APPROACH CLEARANCE</b><br/>(略)</p> <p>g. For RNAV-equipped aircraft operating on unpublished routes, issue approach clearance for conventional or RNAV SIAP only after the aircraft is (See FIG 4-8-2):</p> <p><b>FIG 4-8-2</b><br/>Approach Clearance Example For RNAV Aircraft</p> | <p><b>【4/12 決議】</b><br/>進行編號勘誤，將誤植為圖 4-8-2 部分，修正為圖 4-8-3。</p> |

| FAA/ICAO 原文參考資料 | 建議修正文字  | ATMP 現行章節  | 說明 |
|-----------------|---|--|----|
|                 |  <p>4-8-1 進場許可<br/>(略)</p> <p>g. 配備區域航行裝備之航空器飛航於未經頒布的航線上時，僅當航空器在下列情況下頒布傳統或區域航行進場許可(見圖 4-8-3)：</p> |  <p>4-8-1 進場許可<br/>(略)</p> <p>g. 配備區域航行裝備之航空器飛航於未經頒布的航線上時，僅當航空器在下列情況下頒布傳統或區域航行進場許可(見圖 4-8-2)：</p> |    |

| FAA/ICAO 原文參考資料 | 建議修正文字   | ATMP 現行章節   | 說明 |
|-----------------|--|---|----|
|                 | <p>圖 4-8-3 RNAV 航空器之到場許可範例</p>  | <p>圖 4-8-2 RNAV 航空器之到場許可範例</p>  |    |

## 2. 4-3-2 DEPARTURE CLEARANCES 離場程序

| FAA/ICAO 原文參考資料  | 建議修正文字  | 前次修正文字  | 說明  |
|--|---|---|---|
| <p><b>FAA 7110.65AA</b></p> <p>Cleared to Reynolds Airport; David Two Departure, Kingham Transition; then, as filed. Climb via SID.</p> <p><b>ICAO SID/STAR SCENARIO – Phraseology examples</b></p> <p>FASTAIR 345 CLEARED TO XXX, FLIGHT PLANNED ROUTE, DEPART RUNWAY 27, CLIMB VIA XXX DEPARTURE TO 5000 FEET, SQUAWK (CODE), WHEN AIRBORNE CONTACT DEPARTURE ON 128.17.</p> | <p>Chapter 4. Section 3. DEPARTURE PROCEDURES</p> <p>4-3-2 DEPARTURE CLEARANCES</p> <p>Include the following items in IFR departure clearances:</p> <p>a. Clearance Limit.<br/>(略)</p> <p>b. Departure Procedures:</p> <p>4. SIDs:</p> <p>(a) Assign a SID, if applicable. PHRASEOLOGY.<br/><i>[CLEARED] (SID name) DEPARTURE.</i></p> <p>EXAMPLE:<br/><i>“Donna One Alpha Departure.”</i><br/><i>“Cleared Chali One Alpha RNAV Departure.”</i></p> <p>NOTE:<br/><i>If a pilot does not wish to use a SID issued in an ATC clearance or any other SID published for that location, ATC should be advised</i></p> <p><del>(b) Clearances to aircraft on a SID with</del></p> | <p>Chapter 4. Section 3. DEPARTURE PROCEDURES</p> <p>4-3-2 DEPARTURE CLEARANCES</p> <p>Include the following items in IFR departure clearances:</p> <p>a. Clearance Limit.<br/>(略)</p> <p>b. Departure Procedures:</p> <p>4. SIDs:</p> <p>(a) Assign a SID, if applicable. PHRASEOLOGY.<br/><i>[CLEARED] (SID name) DEPARTURE.</i></p> <p>EXAMPLE:<br/><i>“Donna One Alpha Departure.”</i><br/><i>“Cleared Chali One Alpha RNAV Departure.”</i></p> <p>NOTE:<br/><i>If a pilot does not wish to use a SID issued in an ATC clearance or any other SID published for that location, ATC should be advised</i></p> <p><u>(b) Clearances to aircraft on a SID with</u></p> | <p>【4/12決議】</p> <p>一、修訂4-3-2節 b 項、d 項，照案通過。</p> <p>二、有關 as filed/flight planned route 之用法，不予採納。</p> |

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|-----------------|---|---|----|
|                 | <p><del>remaining published level and/or speed restrictions shall indicate if such restrictions are to be followed or are cancelled. The following PHRASEOLOGIES shall be used with the following meanings:</del></p> <p><del>(1) CLIMB VIA SID/SID name, MAINTAIN (level):</del></p> <p><del>(i) climb to the cleared level and comply with published level restrictions;</del></p> <p><del>(ii) follow the lateral profile of the SID; and</del></p> <p><del>(iii) comply with published speed restrictions or ATC-issued speed control instructions as applicable.</del></p> <p><b><u>EXAMPLE:</u></b></p> <p><del>“Climb via Tinho One Alpha RNAV Departure, maintain five thousand.”</del></p> | <p><u>remaining published level and/or speed restrictions shall indicate if such restrictions are to be followed or are cancelled. The following PHRASEOLOGIES shall be used with the following meanings.</u></p> <p><u>(1) CLIMB VIA SID/SID name, MAINTAIN (level):</u></p> <p><u>(i) climb to the cleared level and comply with published level restrictions;</u></p> <p><u>(ii) follow the lateral profile of the SID; and</u></p> <p><u>(iii) comply with published speed restrictions or ATC-issued speed control instructions as applicable.</u></p> <p><b><u>EXAMPLE:</u></b></p> <p><u>“Climb via Tinho One Alpha RNAV Departure, maintain five thousand.”</u></p> |    |

| FAA/ICAO 原文參考資料 | 建議修正文字  | 前次修正文字  | 說明 |
|-----------------|---|---|----|
|                 | <p><del>“Climb via SID, maintain flight level two two zero.”</del></p> <p><del>(2) CLIMB VIA SID/SID name, MAINTAIN (level), CANCEL LEVEL RESTRICTION(S):</del></p> <p><del>(i) climb to the cleared level, published level restrictions are cancelled;</del></p> <p><del>(ii) follow the lateral profile of the SID; and</del></p> <p><del>(iii) comply with published speed restrictions or ATC issued speed control instructions as applicable.</del></p> <p><del><b>EXAMPLE:</b></del></p> <p><del>“Climb via SID, maintain flight level two two zero, cancel level restrictions.”</del></p> <p><del>(3) CLIMB VIA SID/SID name, MAINTAIN (level), CANCEL LEVEL RESTRICTION(S) AT</del></p> | <p><u>“Climb via SID, maintain flight level two two zero.”</u></p> <p><u>(2) CLIMB VIA SID/SID name, MAINTAIN (level), CANCEL LEVEL RESTRICTION(S):</u></p> <p><u>(i) climb to the cleared level, published level restrictions are cancelled;</u></p> <p><u>(ii) follow the lateral profile of the SID; and</u></p> <p><u>(iii) comply with published speed restrictions or ATC-issued speed control instructions as applicable.</u></p> <p><u><b>EXAMPLE:</b></u></p> <p><u>“Climb via SID, maintain flight level two two zero, cancel level restrictions.”</u></p> <p><u>(3) CLIMB VIA SID/SID name, MAINTAIN (level), CANCEL LEVEL RESTRICTION(S) AT</u></p> |    |

| FAA/ICAO 原文參考資料 | 建議修正文字   | 前次修正文字   | 說明 |
|-----------------|--|--|----|
|                 | <p><del>(point(s)):</del></p> <p><del>(i) climb to the cleared level, published level restriction(s) at the specified point(s) are cancelled;</del></p> <p><del>(ii) follow the lateral profile of the SID; and</del></p> <p><del>(iii) comply with published speed restrictions or ATC issued speed control instructions as applicable.</del></p> <p><b>EXAMPLE:</b></p> <p><del>“Climb via Paras Two Alpha RNAV Departure, maintain flight level two two zero, cancel level restriction at Whisky Papa five five three.</del></p> <p><del>(e) If there are no remaining published level or speed restrictions on the SID, the phrase CLIMB AND MAINTAIN (level) should be used.</del></p> <p><del>(d) When a departing aircraft is cleared to proceed direct to a published waypoint</del></p> | <p><u>(point(s)):</u></p> <p><u>(i) climb to the cleared level, published level restriction(s) at the specified point(s) are cancelled;</u></p> <p><u>(ii) follow the lateral profile of the SID; and</u></p> <p><u>(iii) comply with published speed restrictions or ATC-issued speed control instructions as applicable.</u></p> <p><b>EXAMPLE:</b></p> <p><u>“Climb via Paras Two Alpha RNAV Departure, maintain flight level two two zero, cancel level restriction at Whisky Papa five five three.</u></p> <p><u>(c) If there are no remaining published level or speed restrictions on the SID, the phrase CLIMB AND MAINTAIN (level) should be used.</u></p> <p><u>(d) When a departing aircraft is cleared to proceed direct to a published waypoint</u></p> |    |

| FAA/ICAO 原文參考資料 | 建議修正文字   | 前次修正文字   | 說明 |
|-----------------|--|--|----|
|                 | <p><del>on the SID, the speed and level restrictions associated with the bypassed waypoints are cancelled. All remaining published speed and level restrictions shall remain applicable.</del></p> <p><b>EXAMPLE:</b></p> <p><del>D610 was previously cleared “climb via Paras Two Alpha RNAV Departure, maintain five thousand”, shortly after airborne ATC instruct “D610 proceed direct Whisky Papa five five three, climb via SID, maintain one zero thousand”. D610 is not required to comply with the published level or speed restrictions at waypoints being by-passed, however must follow the restrictions at and after Whisky Papa five five three.</del></p> <p>(b) When a departing aircraft is vectored or cleared to proceed to a point that is not on the SID, all the published speed and level restrictions of the SID are cancelled and the controller shall:</p> <p>(1) reiterate the cleared level;</p> | <p><u>on the SID, the speed and level restrictions associated with the bypassed waypoints are cancelled. All remaining published speed and level restrictions shall remain applicable.</u></p> <p><b>EXAMPLE:</b></p> <p><u>D610 was previously cleared “climb via Paras Two Alpha RNAV Departure, maintain five thousand”, shortly after airborne ATC instruct “D610 proceed direct Whisky Papa five five three, climb via SID, maintain one zero thousand”. D610 is not required to comply with the published level or speed restrictions at waypoints being by-passed, however must follow the restrictions at and after Whisky Papa five five three.</u></p> <p>(e) When a departing aircraft is vectored or cleared to proceed to a point that is not on the SID, all the published speed and level restrictions of the</p> |    |

| FAA/ICAO 原文參考資料 | 建議修正文字  | 前次修正文字  | 說明 |
|-----------------|---|---|----|
|                 | <p>(2) provide speed and level restrictions as necessary; and<br/> (3) notify the pilot if it is expected that the aircraft will be instructed to subsequently rejoin the SID.</p> <p>(c) ATC instructions to an aircraft to rejoin a SID shall include:<br/> (1) the designator of the SID to be rejoin, unless advance notification of rejoin has been provided in accordance with (e);<br/> (2) the cleared level in accordance with (b); and<br/> (3) the position at which it is expected to rejoin the SID.<br/> EXAMPLE:<br/> (略)</p> <p>c. Route of flight<br/> d. Level-<del>Use one of the following in the order of preference listed:</del></p> <p><b>NOTE:</b><br/> <i>Turbojet aircraft equipped with afterburner engines may occasionally be expected to use afterburning during their climb to the en route altitude. When so advised by the pilot, the controller may be able to plan his traffic to</i></p> | <p>SID are cancelled and the controller shall:<br/> (1) reiterate the cleared level;<br/> (2) provide speed and level restrictions as necessary; and<br/> (3) notify the pilot if it is expected that the aircraft will be instructed to subsequently rejoin the SID.</p> <p>(f) <u>ATC instructions to an aircraft to rejoin a SID shall include:</u><br/> (1) the designator of the SID to be rejoin, unless advance notification of rejoin has been provided in accordance with (e);<br/> (2) the cleared level in accordance with (b); and<br/> (3) the position at which it is expected to rejoin the SID.<br/> EXAMPLE:<br/> (略)</p> <p>c. Route of flight<br/> d. Level-<u>Use one of the following in the order of preference listed:</u></p> <p><b>NOTE:</b><br/> <i>Turbojet aircraft equipped with afterburner engines may occasionally be expected to use afterburning during their</i></p> |    |

| FAA/ICAO 原文參考資料 | 建議修正文字   | 前次修正文字  | 說明 |
|-----------------|--|---|----|
|                 | <p><i>accommodate the high performance climb and allow the pilot to climb to planned level without restriction.</i></p> <p><del>1. Assign the level requested by the pilot.</del></p> <p><del>2. Assign a level, as near as possible to the level requested by the pilot, and</del></p> <p><del>(a) Inform the pilot when to expect clearance to the requested level unless instructions are contained in the specified SID, or</del></p> <p><del>(b) If the requested level is not expected to be available, inform the pilot what level can be expected and when/where to expect it.</del></p> <p><del>PHRASEOLOGY:(略)</del></p> <p><del>EXAMPLE:(略)</del></p> <p>1. Clearances to aircraft on a SID with remaining published level and/or speed restrictions shall indicate if such restrictions are to be followed or are cancelled. The following PHRASEOLOGIES shall be used with the following meanings:</p> <p><b><u>PHRASEOLOGY:</u></b></p> <p><u>(a) CLIMB VIA SID/(SID name), MAINTAIN (level):</u></p> <p>(1)climb to the cleared level and</p> | <p><i>climb to the en route altitude. When so advised by the pilot, the controller may be able to plan his traffic to accommodate the high performance climb and allow the pilot to climb to planned level without restriction.</i></p> <p>1. <u>Assign the level requested by the pilot.</u></p> <p>2. <u>Assign a level, as near as possible to the level requested by the pilot, and</u></p> <p>(a) <u>Inform the pilot when to expect clearance to the requested level unless instructions are contained in the specified SID, or</u></p> <p>(b) <u>If the requested level is not expected to be available, inform the pilot what level can be expected and when/where to expect it.</u></p> <p><u>PHRASEOLOGY:(略)</u></p> <p><u>EXAMPLE:(略).</u></p> |    |

| FAA/ICAO 原文參考資料 | 建議修正文字  | 前次修正文字 | 說明 |
|-----------------|---|--------|----|
|                 | <p>comply with published level restrictions;</p> <p>(2)follow the lateral profile of the SID; and</p> <p>(3)comply with published speed restrictions or ATC-issued speed control instructions as applicable.</p> <p><b>EXAMPLE:</b></p> <p><i>“Climb via Tinho One Alpha RNAV Departure, maintain five thousand.”“Climb via SID, maintain flight level two two zero.”</i></p> <p>(b) CLIMB VIA SID/(SID name), MAINTAIN (level), CANCEL LEVEL RESTRICTION(S):</p> <p>(1)climb to the cleared level, published level restrictions are cancelled;</p> <p>(2)follow the lateral profile of the SID; and</p> <p>(3)comply with published speed restrictions or ATC-issued speed control instructions as applicable.</p> <p><b>EXAMPLE:</b></p> <p><i>“Climb via SID, maintain flight level two two zero, cancel level restrictions.”</i></p> <p>(c) CLIMB VIA SID/(SID name),</p> |        |    |

| FAA/ICAO 原文參考資料 | 建議修正文字  | 前次修正文字 | 說明 |
|-----------------|---|--------|----|
|                 | <p>MAINTAIN (<i>level</i>), CANCEL LEVEL RESTRICTION(S) AT (<i>point(s)</i>):</p> <p>(1)climb to the cleared level, published level restriction(s) at the specified point(s) are cancelled;</p> <p>(2)follow the lateral profile of the SID; and</p> <p>(3)comply with published speed restrictions or ATC-issued speed control instructions as applicable.</p> <p><b>EXAMPLE:</b></p> <p><i>“Climb via Paras Two Alfa RNAV Departure, maintain flight level two two zero, cancel level restriction at Whisky Papa five five three.”</i></p> <p>2. If there are no remaining published level or speed restrictions on the SID, the phrase CLIMB AND MAINTAIN (<i>level</i>) should be used.</p> <p>3. When a departing aircraft is cleared to proceed direct to a published waypoint on the SID, the speed and level restrictions associated with the bypassed waypoints are cancelled. All remaining published speed and level restrictions shall remain applicable.</p> <p><b>EXAMPLE:</b></p> <p><i>D610 was previously cleared “climb via</i></p> |        |    |

| FAA/ICAO 原文參考資料 | 建議修正文字  | 前次修正文字 | 說明 |
|-----------------|---|--------|----|
|                 | <p><i>Paras Two Alpha RNAV Departure, maintain five thousand”, shortly after airborne ATC instruct “D610 proceed direct Whisky Papa five five three, climb via SID, maintain one zero thousand”. D610 is not required to comply with the published level or speed restrictions at waypoints being bypassed, however must follow the restrictions at and after Whisky Papa five five three.</i></p> <p><b>4. <u>When assigning a level,</u></b> use one of the following in the order of preference listed:</p> <p><b>(a)</b> Assign the level requested by the pilot.</p> <p><b>(b)</b> Assign a level, as near as possible to the level requested by the pilot, and</p> <p><b>(1)</b> Inform the pilot when to expect clearance to the requested level unless instructions are contained in the specified SID, or</p> <p><b>(2)</b> If the requested level is not expected to be available, inform the pilot what level can be expected and when/where to expect it.</p> |        |    |

| FAA/ICAO 原文參考資料 | 建議修正文字   | 前次修正文字 | 說明 |
|-----------------|--|--------|----|
|                 | <p><b>PHRASEOLOGY:</b><br/> <del>CLIMB AND MAINTAIN (the level as near as possible to the pilot's requested level).</del><br/> <i>EXPECT (the requested level or a level different from the requested level) AT (time or fix), and if applicable, (pilot's requested level) IS NOT AVAILABLE.</i></p> <p><b>EXAMPLE:</b><br/> ① 略</p> <p><b>EXAMPLE:</b><br/> ① <i>“Dynasty 607, cleared to Hongkong aerodrome, Chali One Alfa RNAV Departure, Tango Three RNAV Transition, Alfa One. Climb via SID, maintain <b>three</b> thousand. Squawk 6201.”</i><br/> ② <i>“Smart Cat 288, cleared to NAHA aerodrome, Hengchun One Alfa RNAV Departure, Juliett Seven RNAV Transition, Quebec One Three. Climb via SID, maintain flight level two one zero, cancel level restriction at Whisky Papa five five two. Squawk 2625.”</i><br/> ③ <i>“Cathay 410, cleared to Hongkong Aerodrome, Paras Two Alfa RNAV Departure, Tango Seven RNAV Transition, Golf Five Eight One. Climb via SID,</i></p> |        |    |

| FAA/ICAO 原文參考資料 | 建議修正文字   | 前次修正文字 | 說明 |
|-----------------|--|--------|----|
|                 | <i>maintain flight level two zero zero, cancel level restrictions. Squawk 2625.”</i> |        |    |

### 3. 4-7-1 CLEARANCE INFORMATION 許可資料

| FAA/ICAO 原文參考資料      | 建議修正文字  | 第 85 次會議修正文字   | 說明/建議/決議  |
|----------------------|---|--|---|
| <b>FAA 7110.65AA</b> | <p><b>4-7-1 CLEARANCE INFORMATION</b><br/>Standard clearances for arriving aircraft shall contain the following items:</p> <p>a. (略)</p> <p>b. (略).</p> <p>c. TERMINAL: (略)</p> <p>d. Clearances to aircraft on a STAR with remaining published level and/or speed restrictions shall indicate if such restrictions are to be followed or are cancelled. The following phraseologies shall be used with the following meaning:</p> <p>1. DESCEND VIA STAR/(STAR name), MAINTAIN (level):</p> <p>(a) descend to the cleared level and comply with published level restrictions;</p> <p>(b) follow the lateral profile of the</p> | <p><b>4-7-1 CLEARANCE INFORMATION</b><br/>Standard clearances for arriving aircraft shall contain the following items:</p> <p>a. (略)</p> <p>b. (略).</p> <p>c. TERMINAL: (略)</p> <p>d. Clearances to aircraft on a STAR with remaining published level and/or speed restrictions shall indicate if such restrictions are to be followed or are cancelled. The following phraseologies shall be used with the following meaning:</p> <p>1. DESCEND VIA STAR/<u>STAR name</u>, MAINTAIN (level):</p> <p>(a) descend to the cleared level and comply with published level restrictions;</p> <p>(b) follow the lateral profile of the</p> | <p><b>【4/12決議】</b><br/>修訂 4-7-1 節 d 項、e 項、f 項，照案通過。</p> |

| FAA/ICAO 原文參考資料 | 建議修正文字   | 第 85 次會議修正文字   | 說明/建議/決議 |
|-----------------|--|--|----------|
|                 | <p>STAR; and<br/> (c) comply with published speed restrictions or ATC-issued speed control instructions as applicable.</p> <p><b>EXAMPLE:</b><br/> <i>“Descend via <b>Lugia</b> One Alfa RNAV <b>Arrival</b>, maintain three thousand.”</i><br/> <i>“Descend via STAR, maintain flight level two one zero.”</i></p> <p>2. DESCEND VIA STAR/(STAR name), MAINTAIN (level), CANCEL LEVEL RESTRICTION(S):</p> <p>(a) descend to the cleared level; published level restrictions are cancelled;</p> <p>(b) follow the lateral profile of the STAR; and</p> <p>(c) comply with published speed restrictions or ATC-issued speed control instructions as applicable.</p> <p><b>EXAMPLE:</b><br/> <i>“Descend via <b>Lugia</b> One Alfa RNAV <b>Arrival</b>, maintain three thousand, cancel level restrictions.”</i><br/> <i>“Descend via STAR, maintain seven</i></p> | <p>STAR; and<br/> (c) comply with published speed restrictions or ATC-issued speed control instructions as applicable.</p> <p><b>EXAMPLE:</b><br/> <i>“Descend via <u>LUGIA</u> One Alfa RNAV <u>arrival</u>, maintain three thousand.”</i><br/> <i>“Descend via STAR, maintain flight level two one zero.”</i></p> <p>2. DESCEND VIA STAR/<u>STAR name</u>, MAINTAIN (level), CANCEL LEVEL RESTRICTION(S):</p> <p>(a) descend to the cleared level; published level restrictions are cancelled;</p> <p>(b) follow the lateral profile of the STAR; and</p> <p>(c) comply with published speed restrictions or ATC-issued speed control instructions as applicable.</p> <p><b>EXAMPLE:</b><br/> <i>“Descend via <u>LUGIA</u> One Alfa RNAV</i></p> |          |

| FAA/ICAO 原文參考資料 | 建議修正文字  | 第 85 次會議修正文字  | 說明/建議/決議 |
|-----------------|---|---|----------|
|                 | <p><i>thousand, cancel level restrictions.”</i></p> <p>3. DESCEND VIA STAR/(STARname), MAINTAIN (<i>level</i>), CANCEL LEVEL RESTRICTION(S) AT (point(s)):</p> <p>(a) descend to the cleared level; published level restriction(s) at the specified point(s) are cancelled;</p> <p>(b) follow the lateral profile of the STAR; and</p> <p>(c) comply with published speed restrictions or ATC-issued speed control instructions as applicable.</p> <p><b>EXAMPLE:</b></p> <p><i>“Descend via <b>Lugia</b> One Alfa RNAV <b>Arrival</b>, maintain three thousand, cancel level restrictions at Whisky Papa three four five.”</i></p> <p>4. If there are no remaining published level or speed restrictions on the STAR, the phrase DESCEND AND MAINTAIN (<i>level</i>) should be used.</p> | <p><i><u>arrival</u>, maintain three thousand, cancel level restrictions.”</i></p> <p><i>“Descend via STAR, maintain seven thousand, cancel level restrictions.”</i></p> <p>3. DESCEND VIA STAR/<u>STAR name</u>, MAINTAIN (<i>level</i>), CANCEL LEVEL RESTRICTION(S) AT (point(s)):</p> <p>(a) descend to the cleared level; published level restriction(s) at the specified point(s) are cancelled;</p> <p>(b) follow the lateral profile of the STAR; and</p> <p>(c) comply with published speed restrictions or ATC-issued speed control instructions as applicable.</p> <p><b>EXAMPLE:</b></p> <p><i>“Descend via <u>LUGIA</u> One Alfa RNAV <u>arrival</u>, maintain three thousand, cancel level restrictions at Whisky Papa three four five.”</i></p> <p><u>e.</u> If there are no remaining published level</p> |          |

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|                 | <p><b>5.</b> When an arriving aircraft is cleared to proceed direct to a published waypoint on the STAR, the speed and level restrictions associated with the bypassed waypoints are cancelled. All remaining published speed and level restrictions shall remain applicable.</p> <p><b>EXAMPLE:</b><br/> <i>TWB671 has previously been cleared to descend via <b>Yanma One Alfa RNAV Arrival</b> to FL200, after passing YANMA, ATC instruct ”</i><br/> <i>TWB671, proceed direct WP381, descend via STAR, maintain flight level one four zero”.</i><br/> <i>TWB671 will proceed direct to WP381 and descend to FL140. TWB671 is not required to comply with the published level or speed restrictions at waypoints being bypassed. TWB671 must however comply with all published level and</i></p> | <p>or speed restrictions on the STAR, the phrase DESCEND AND MAINTAIN (<i>level</i>) should be used.</p> <p><b>f.</b> When an arriving aircraft is cleared to proceed direct to a published waypoint on the STAR, the speed and level restrictions associated with the bypassed waypoints are cancelled. All remaining published speed and level restrictions shall remain applicable.</p> <p><b>EXAMPLE:</b><br/> <i>TWB671 has previously been cleared to descend via <u>YANMA ONE ALFA RNAV arrival</u> to FL200, after passing YANMA, ATC instruct ”</i><br/> <i>TWB671, proceed direct WP381, descend via STAR, maintain flight level one four zero”.</i><br/> <i>TWB671 will proceed direct to WP381 and descend to FL140. TWB671 is not required to comply with the published</i></p> |          |

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|                 | <p><i>speed restrictions at and after WP381.</i></p> <p><b>e.</b> When an arriving aircraft is vectored or cleared to proceed to a point that is not on the STAR, all the published speed and level restrictions of the STAR are cancelled and the controller shall:</p> <ol style="list-style-type: none"> <li>1. reiterate the cleared level;</li> <li>2. provide speed and level restrictions as necessary; and</li> <li>3. notify the pilot if it is expected that the aircraft will be instructed to subsequently rejoin the STAR.</li> </ol> <p><b>f.</b> ATC instructions to an aircraft to rejoin a STAR shall include:</p> <ol style="list-style-type: none"> <li>1. the designator of the STAR to be rejoined, unless advance notification of rejoin has been provided in accordance with e;</li> <li>2. the cleared level on rejoining the STAR in accordance with d.; and</li> <li>3. the position at which it is expected to rejoin the STAR.</li> </ol> <p><b>EXAMPLE:</b></p> <p>① <i>TWB671 has previously been cleared to descend via <b>Yanma One Alfa RNAV Arrival</b> to FL200, after passing YANMA,</i></p> | <p><i>level or speed restrictions at waypoints being bypassed. TWB671 must however comply with all published level and speed restrictions at and after WP381.</i></p> <p><b>g.</b> When an arriving aircraft is vectored or cleared to proceed to a point that is not on the STAR, all the published speed and level restrictions of the STAR are cancelled and the controller shall:</p> <ol style="list-style-type: none"> <li>1. reiterate the cleared level;</li> <li>2. provide speed and level restrictions as necessary; and</li> <li>3. notify the pilot if it is expected that the aircraft will be instructed to subsequently rejoin the STAR.</li> </ol> <p><b>h.</b> ATC instructions to an aircraft to rejoin a STAR shall include:</p> <ol style="list-style-type: none"> <li>1. the designator of the STAR to be rejoined, unless advance notification of rejoin has been provided in accordance with g.;</li> </ol> |          |

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|                 | <p><i>ATC vectors TWB671 off the STAR. ATC intends that TWB671 will rejoin the STAR.</i></p> <p><i>“TWB671, turn left heading two zero zero vector for traffic, descend and maintain flight level one six zero, expect to rejoin STAR at WP407”</i></p> <p><i>TWB671 will turn left heading 200° and descend to FL160. All the STAR restrictions are cancelled. The pilot will retain the STAR in the FMS for future rejoin instructions.</i></p> <p><i>② After a while, ATC instruct TWB671 back to STAR.</i></p> <p><i>“TWB671, proceed direct WP407 rejoin STAR, descend via STAR, maintain flight level one four zero.”</i></p> <p><i>TWB671 will descend to FL140, proceed direct to WP407 to REJOIN STAR and comply with the published level and speed restrictions at and after WP407.</i></p> | <p>2. the cleared level on rejoining the STAR in accordance with d.; and</p> <p>3. the position at which it is expected to rejoin the STAR.</p> <p><b>EXAMPLE:</b></p> <p>① <i>TWB671 has previously been cleared to descend via <u>YANMA ONE ALFA RNAV arrival</u> to FL200, after passing YANMA, ATC vectors TWB671 off the STAR. ATC intends that TWB671 will rejoin the STAR.</i></p> <p><i>“ TWB671, turn left heading two zero zero vector for traffic, descend and maintain flight level one six zero, expect to rejoin STAR at WP407”</i></p> <p><i>TWB671 will turn left heading 200° and descend to FL160. All the STAR restrictions are cancelled. The pilot will retain the STAR in the FMS for future rejoin instructions.</i></p> <p>② <i>After a while, ATC instruct TWB671 back to STAR.</i></p> |          |

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|                 | <p><b>g.</b> Instructions regarding further communications as appropriate.</p> <p><b>REFERENCE:</b><br/>RADIO COMMUNICATIONS TRANSFER, Para 2-1-18.</p> | <p><i>“TWB671, proceed direct WP407 rejoin STAR, descend via STAR, maintain flight level one four zero.”</i></p> <p><i>TWB671 will descend to FL140, proceed direct to WP407 to REJOIN STAR and comply with the published level and speed restrictions at and after WP407.</i></p> <p><b>i.</b> Instructions regarding further communications as appropriate.</p> <p><b>REFERENCE:</b><br/>RADIO COMMUNICATIONS TRANSFER, Para 2-1-18.</p> |          |

#### 4. 5-6-2 METHODS 方法

| FAA/ICAO 原文參考資料 | 建議修正文字  | 第 85 次會議修正文字  | 說明/建議   |
|-----------------|---|---|---|
|                 | <p><b>5-6-2METHODS</b></p> <p>a. Vector aircraft...(略)</p> <p>b. When initiating...(略)</p> <p>c. When vectoring...(略)</p> <p>d. When vectoring or approving (略)</p> | <p><b>5-6-2METHODS</b></p> <p>a. Vector aircraft...(略)</p> <p>b. When initiating...(略)</p> <p>c. When vectoring...(略)</p> <p>d. When vectoring or approving (略)</p> | <p><b>【4/12決議】</b></p> <p>修訂第 5-6-2 節 f 項之術語及範例，照案通過。</p> |

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|                 | <p>e. Provide radar navigational guidance until the aircraft is:<br/>(略)</p> <p>f. Aircraft instructed to resume a procedure which contains published crossing restrictions (SID/STAR) must be issued/reissued all applicable restrictions or be instructed to Climb Via/Descend Via.</p> <p><b>PHRASEOLOGY:</b><br/> <i>CLEARED DIRECT (NAVAID, fix, waypoint), [REJOIN SID/STAR], [CROSS (NAVAID, fix, waypoint) AT/AT OR ABOVE/AT OR BELOW (level)] , then CLIMB VIA/DESCEND VIA SID/STAR,</i><br/> <i>or if the pilot does not have knowledge of which SID/STAR to rejoin,</i><br/> <i>CLEARED DIRECT (NAVAID, fix, waypoint), [ REJOIN (SID name/STAR name) ], [ CROSS (NAVAID, fix, waypoint) AT/AT OR ABOVE/AT OR BELOW (level) ], then CLIMB VIA/DESCEND VIA</i></p> | <p>e. Provide radar navigational guidance until the aircraft is:<br/>(略)</p> <p>f. Aircraft instructed to resume a procedure which contains published crossing restrictions (SID/STAR) must be issued/reissued all applicable restrictions or be instructed to Climb Via/Descend Via.</p> <p><b>PHRASEOLOGY—</b><br/> <i>CLEARED DIRECT (NAVAID, fix, waypoint), CROSS (NAVAID, fix, waypoint) AT/AT OR ABOVE/AT OR BELOW (level), then CLIMB VIA/DESCEND VIA (SID/STAR)</i></p> <p><b>EXAMPLE—</b><br/> <i>“Cleared direct <u>WP736</u>, then descend via the <u>LUGIA TWO BRAVO RNAV arrival</u>.”</i><br/> <i>“Cleared direct WP552, cross WP552 at or above four thousand, then climb via <u>the</u></i></p> |       |

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|                 | <p><b>SID/STAR.</b></p> <p><b>EXAMPLE:</b></p> <p>① “Cleared direct WP738, then descend via <i>Lugia Two Bravo RNAV Arrival, maintain four thousand.</i>”</p> <p>② “Cleared direct WP552, <i>rejoin SID, cross WP552 at or above four thousand, then climb via SID, maintain flight level two zero zero.</i>”</p> <p><b>REFERENCE:</b></p> <p><i>DEPARTURE CLEARANCES, Para 4-3-2</i><br/><i>CLEARANCE INFORMATION, Para 4-7-1</i></p> <p>g. Aircraft vectored off an RNAV route shall be recleared to the next waypoint or as requested by the pilot.</p> <p>h. During ATMS operation, update the route of flight in the computer unless an operational advantage is gained and coordination is accomplished.</p> <p>i. Inform the pilot when a vector will take the aircraft across a previously assigned</p> | <p><i>PARAS ONE ALFA RNAV departure.</i>”</p> <p><b>REFERENCE:</b></p> <p><i>DEPARTURE CLEARANCES, Para 4-3-2</i><br/><i>CLEARANCE INFORMATION, Para 4-7-1</i></p> <p>g. Aircraft vectored off an RNAV route shall be recleared to the next waypoint or as requested by the pilot.</p> <p>h. During ATMS operation, update the route of flight in the computer unless an operational advantage is gained and coordination is accomplished.</p> <p>i. Inform the pilot when a vector will take the aircraft across a previously assigned nonradar route.</p> <p><b>PHRASEOLOGY:</b></p> <p><i>EXPECT VECTOR ACROSS (NAVAID radial) (airway/route/course) FOR (purpose).</i></p> <p><b>REFERENCE:</b></p> <p><i>APPLICATION, Para 7-6-1.</i></p> |       |

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|-----------------|--|--|-------|
|                 | <p>nonradar route.</p> <p><b>PHRASEOLOGY:</b><br/> <i>EXPECT VECTOR ACROSS (NAVAID radial)</i><br/> <i>(airway/route/course) FOR (purpose).</i></p> <p><b>REFERENCE:</b><br/> <i>APPLICATION, Para 7-6-1.</i></p> <p><b>第六節雷達引導</b><br/> <b>5-6-2 方法</b></p> <p>a.引導航空器時應指定：(略)<br/> b.當實施引導時，應告知駕駛員引導之目的。(略)<br/> c.於下列情況時，引導航空器..(略)<br/> d.當引導或同意偏離....(略)<br/> e. 提供雷達航行導引直至...(略)<br/> f.指示航空器恢復含有限制(如標準儀器離場 /標準終端到場)之程序時，應頒發 /再頒發所有適當之限制或指示「依據SID爬高」／「依據STAR下降」。</p> <p><b>術語一</b></p> <p><b>許可直飛</b> (助航設施、定位點、航點)，</p> | <p><b>第六節雷達引導</b><br/> <b>5-6-2 方法</b></p> <p>a.引導航空器時應指定：(略)<br/> b.當實施引導時，應告知駕駛員引導之目的。(略)<br/> c.於下列情況時，引導航空器..(略)<br/> d.當引導或同意偏離....(略)</p> <p>e. 提供雷達航行導引直至...(略)<br/> f.指示航空器恢復含有限制(如標準儀器離場 /標準終端到場)之程序時，應頒發 /再頒發所有適當之限制或指示「依據SID爬高」／「依據STAR下降」。</p> <p><b>術語一</b></p> <p><b>許可直飛</b> (助航設施、定位點、航點)，<br/> <b>通過</b> (助航設施、定位點、航點) <b>到達</b><br/> <u>／高於／低於(空層)</u>，<b>依據</b>(名稱，標準儀器離場／標準終端到場／程序)<b>爬高</b><br/> <b>／下降</b>。</p> <p><b>例一</b></p> <p>「許可直飛Whiskey Papa拐三六，依據LUGIA Two Bravo RNAV到場下降」</p> |       |

| FAA/ICAO 原文參考資料 | 建議修正文字   | 第 85 次會議修正文字   | 說明/建議 |
|-----------------|--|--|-------|
|                 | <p>〔重新加入SID/STAR〕，〔通過(助航設施、定位點、航點)到達(空層)/到達或高於(空層)/到達或低於(空層)〕，依據SID/STAR爬高/下降，保持(空層)。</p> <p>或，如駕駛員不知道應加入何項SID/STAR，</p> <p>許可直飛(助航設施、定位點、航點)，</p> <p>〔重新加入(標準儀器離場名稱)/(標準儀器到場名稱)〕，〔通過(助航設施、定位點、航點)到達(空層)/到達或高於(空層)/到達或低於(空層)〕，依據SID/STAR爬高/下降，保持(空層)。</p> <p>例一</p> <p>「許可直飛Whiskey Papa拐三八，依據LUGIA Two Bravo RNAV到場下降，保持四千。」</p> <p>「許可直飛Whiskey Papa五五兩，重新加入SID，通過Whiskey Papa五五兩到達或高於四千，依據SID爬高，保持飛航空</p> | <p>「許可直飛Whiskey Papa五五兩，通過Whiskey Papa五五兩到達或高於四千，依據PARAS Ona Alfa RNAV離場爬高」</p> <p>參考—</p> <p>離場許可，4-3-2。</p> <p>許可資料，4-7-1。</p> |       |

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|-----------------|--|--------------|-------|
|                 | <p>層兩洞洞。」</p> <p>參考—</p> <p>離場許可，4-3-2。</p> <p>許可資料，4-7-1。</p> |              |       |

三、 臨時動議

四、 散會