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Subject Hong Kong FIR Aerodrome Standard Operating Procedures Annex I

STANDARD OPERATING PROCEDURE (SOP)

DOCUMENT NUMBER: HKVACC-SOP001-ANNEX-I

DATE ISSUED: 05 OCT 2024

REVISION: 2

SUBJECT: Hong Kong FIR Aerodrome Standard Operating Procedures Annex I

EFFECTIVE DATE: 05 OCT 2024

SCOPE: Outlines standard techniques for online ATC service at aerodromes within the Hong Kong FIR on VATSIM.

1. PURPOSE

- 1.1. This Standard Operating Procedure (SOP) sets forth the procedures for all controllers providing aerodrome air traffic control service at aerodromes within the Hong Kong FIR to improve communication, techniques, and to distinguish procedures that are specific to the online environment.

2. ROLES AND RESPONSIBILITIES

- 2.1 The Office of Primary Responsibility (OPR) for this SOP is the team under the supervision of the Facilities Director. This SOP shall be maintained, revised, updated or cancelled by the Facilities Director. Any suggestions for modification / amendment to this SOP should be sent to the Facilities Director for review.

3. DISTRIBUTION

- 3.1 This SOP is intended for controllers staffing aerodrome ATC positions within Hong Kong FIR and other controllers who interface with those aerodrome controllers.

4. BACKGROUND

- 4.1 Due to the vast number of situations a controller may encounter when issuing IFR clearances, this document has been created to support HKVACC-SOP001, HKVACC-SOP002 and HKVACC-SOP003 providing examples on how to issue IFR clearances in a variety of examples. The goal is to standardise the procedures on amending flight plans for IFR clearances.

5. EXAMPLES OF FLIGHT PLAN INSPECTION

5.1. The following flight plan is submitted by a pilot. Assume Runway 07s are in use and the time is 1200Z (noise abatement procedures are **not** in effect).

Flight plan setting dialog

Callsign	CPA171	<input checked="" type="radio"/> IFR <input type="radio"/> VFR	AP data	A359	OK
Origin	VHHH	Destination	YPPH	Alternate	Cancel
TAS	450	Altitude	38000	Squawk	2000
Dep. EST	0 Z	Actual	0 Z	Temp alt	Set temp alt
Enroute	0 H 0 M	Fuel	0 H 0 M	RFL	Set RFL
Route	VHHH SID OCEAN V4 GRUPA V5 SABNO A583 AKOTA M754 VINIK M522 BLI G578 EGATU L514 REVOP Q38 JULIM				

This flight plan requires the following amendments:

- The beginning of the route does not match the requirement in SOP001 Section 8.2. It should be amended to begin with a SID rather than the departure airfield (VHHH) or the text "SID".
- The route contains multiple transition airways, which can be shortened (OCEAN V4 GRUPA V5 SABNO is equivalent to OCEAN V5 SABNO).
- The requested cruising altitude FL380 is not an approved altitude according to the Letter of Agreement with Manila FIR and Hong Kong vACC Cue Card.
 - The Delivery controller shall ask whether the pilot can accept the two closest altitudes, which are FL370 and FL410, and amend the flight plan to reflect the new cruising altitude.

Phraseology:

VHHH_DEL: CATHAY 171, FL380 IS NOT AVAILABLE. ARE YOU ABLE TO ACCEPT FL370 OR FL410?

CPA171: AFFIRM, WE CAN ACCEPT FL370, CATHAY 171.

VHHH_DEL: CATHAY 171, EXPECT FL370. (If clearance is not yet ready)

- If the pilot cannot accept any available altitude, close coordination shall be performed with the relevant Area Radar controller (in this case HKG_S_CTR, or HKG_W_CTR if HKG_S_CTR is offline) for a cruising altitude acceptable to the pilot.

Phraseology:

VHHH_DEL: CATHAY 171, FL380 IS NOT AVAILABLE, ARE YOU ABLE TO ACCEPT FL370 OR FL410?

CPA171: NEGATIVE, MAXIMUM FLIGHT LEVEL WE CAN ACCEPT IS FL270, CATHAY 171.

VHHH_DEL: CATHAY 171, ROGER, STANDBY.

After approval is obtained from the relevant CTR controller (Refer to SOP011 for coordination procedures)

VHHH_DEL: CATHAY 171, HONG KONG DELIVERY.

CPA171: GO AHEAD, CATHAY 171.

VHHH_DEL: CATHAY 171, EXPECT FL270. (If clearance is not yet ready)

After amendment, the delivery controller shall continue with regular procedures (assigning squawk, SID, initial altitude), then give the IFR clearance. The completed flight plan becomes:

Flight plan setting dialog

Callsign	CPA171	<input checked="" type="radio"/> IFR <input type="radio"/> VFR	AP data	A359	OK	
Origin	VHHH	Destination	YPPH	Alternate	Cancel	
TAS	450	Altitude	37000	Squawk	5321	Set squawk
Dep. EST	0 Z	Actual	0 Z	Temp alt	50	Set temp alt
Enroute	0 H 0 M	Fuel	0 H 0 M	RFL		Set RFL
Route	OCEAN3A/07R OCEAN V5 SABNO A583 AKOTA M754 VINIK M522 BLI G578 EGATU L514 REVOP Q38 JULIM					

5.2. The following flight plan is submitted by a pilot. Assume that the aircraft is not able to accept a lower cruising altitude, Runway 07s are in use and the time is 1200Z (noise abatement procedures are **not** in effect).

Flight plan setting dialog

Callsign	FDX5986	<input checked="" type="radio"/> IFR <input type="radio"/> VFR	AP data	B77L	OK
Origin	VHHH	Destination	KMEM	Alternate	Cancel
TAS	450	Altitude	33000	Squawk	2000
Dep. EST	0 Z	Actual	0 Z	Temp alt	Set temp alt
Enroute	0 H 0 M	Fuel	0 H 0 M	RFL	Set RFL
Route	OCEAN V2 ELATO A1 APU G587 LEKOS M750 MADOG Y753 JAKAL DCT KEC DCT XAC DCT KAGIS A590 PABBA DCT 40N150E 43N160E 47N170E 49N180E 51N170W 52N160W 53N150W DCT GUPEY DCT YZT DCT LYTON DCT YXC DCT YQL T628 YYN J500 VLN J483 MOT DCT ABR J45 FSD DCT IRK DCT ARG				

- The pilot has filed FL330 on the V2 transition via ELATO, which is not acceptable according to the Letter of Agreement with Taipei FIR.
- The V3 transition via ENVAR is also available towards Taipei FIR.
- The Delivery controller shall advise the pilot of the error by using the .route alias and reroute the aircraft.

After amendment, the delivery controller shall continue with regular procedures (assigning squawk, SID, initial altitude), then give the IFR clearance. The completed flight plan becomes:

Flight plan setting dialog

Callsign	FDX5986	<input checked="" type="radio"/> IFR <input type="radio"/> VFR	AP data	B77L	OK
Origin	VHHH	Destination	KMEM	Alternate	Cancel
TAS	450	Altitude	33000	Squawk	3501
Dep. EST	0 Z	Actual	0 Z	Temp alt	50
Enroute	0 H 0 M	Fuel	0 H 0 M	RFL	Set RFL
Route	OCEAN V3 ENVAR M750 MADOG Y753 JAKAL DCT KEC DCT XAC DCT KAGIS A590 PABBA DCT 40N150E 43N160E 47N170E 49N180E 51N170W 52N160W 53N150W DCT GUPEY DCT YZT DCT LYTON DCT YXC DCT YQL T628 YYN J500 VLN J483 MOT DCT ABR J45 FSD DCT IRK DCT ARG				

Example:

VHHH_DEL: Your filed route is invalid. Are you able to accept the following reroute: OCEAN V3 ENVAR M750 MADOG, then flight plan route. Once accepted, call on frequency as normal for clearance.

FDX5986: Roger, standby, we will advise on frequency when ready. (or any other form of acknowledgement)

(On frequency)

FDX5986: HONG KONG DELIVERY, FEDEX 5986, READY TO COPY CLEARANCE.

VHHH_DEL: FEDEX 5986, CLEARED TO MEMPHIS, FLIGHT PLANNED ROUTE, CLIMB VIA OCEAN3A DEPARTURE TO 5000 FEET, SQUAWK 3501, DEPARTURE INFORMATION BRAVO CURRENT.

FDX5986: CLEARED TO MEMPHIS, FLIGHT PLANNED ROUTE, CLIMB VIA OCEAN3A DEPARTURE TO 5000 FEET, SQUAWK 3501, INFORMATION BRAVO, FEDEX 5986.

VHHH_DEL: FEDEX 5986, READBACK CORRECT.

5.3. The following flight plan is submitted by a pilot. Assume that Runway 07s are in use, and the time is 1200Z (noise abatement procedures are **not** in effect).

Flight plan setting dialog

Callsign	QFA30	<input checked="" type="radio"/> IFR <input type="radio"/> VFR	AP data	A333	OK
Origin	VHHH	Destination	YMML	Alternate	Cancel
TAS	461	Altitude	37000	Squawk	2000
Dep. EST	0 Z	Actual	0 Z	Temp alt	Set temp alt
Enroute	0 H 0 M	Fuel	0 H 0 M	RFL	Set RFL
Route	N0461F370 OCEAN V5 SABNO A583 ZAM/N0459F390 A461 DN J251 TN J30 TNK T25 BHI J19 NATYA/N0460F410 H119 ARBEY				

- The flight plan starts with "N0461F370", which equates to a TAS of 461 and a cruising altitude of FL370.
- In this case, the SID and runway shall be added after the TAS and cruising altitude, which will become:

Flight plan setting dialog

Callsign	QFA30	<input checked="" type="radio"/> IFR <input type="radio"/> VFR	AP data	A333	OK
Origin	VHHH	Destination	YMML	Alternate	Cancel
TAS	450	Altitude	37000	Squawk	5331
Dep. EST	0 Z	Actual	0 Z	Temp alt	50
Enroute	0 H 0 M	Fuel	0 H 0 M	RFL	Set RFL
Route	N0461F370 OCEAN3A/07R OCEAN V5 SABNO A583 ZAM A461 DN J251 TN J30 TNK T25 BHI J19 NATYA H119 ARBEY				

After amendment, the delivery controller shall continue with regular procedures (assigning squawk, SID, initial altitude), then give the IFR clearance.

5.4. The following flight plan is submitted by a pilot. Assume that Runway 07s are in use, and the time is 2000Z (noise abatement procedures are currently in effect).

Flight plan setting dialog

Callsign	CPA860	<input checked="" type="radio"/> IFR <input type="radio"/> VFR	AP data	A35K	OK
Origin	VHHH	Destination	KIAD	Alternate	Cancel
TAS	450	Altitude	27000	Squawk	2000
Dep. EST	0 Z	Actual	0 Z	Temp alt	Set temp alt
Enroute	0 H 0 M	Fuel	0 H 0 M	RFL	Set RFL
Route	OCEAN V2 ELATO A1 APJ G587 LEKOS M750 MADOG Y753 JAKAL A1 KEC DCT XAC DCT KAGIS A590 PABBA DCT 40N150E 43N160E 47N170E 49N180E 51N170W 52N160W 53N150W DCT GUPEY DCT YZT DCT LYTON J527 YNY DCT YRM DCT YEA J504 YBR DCT TVC DCT ECK DCT ERI DCT CIP DCT PSB				

- The route needs to be amended to RASSE V2 ELATO.
- They shall also be assigned a noise abatement SID (e.g. RASSE1X).

Flight plan setting dialog

Callsign	CPA860	<input checked="" type="radio"/> IFR <input type="radio"/> VFR	AP data	A35K	OK
Origin	VHHH	Destination	KIAD	Alternate	Cancel
TAS	450	Altitude	27000	Squawk	3562
Dep. EST	0 Z	Actual	0 Z	Temp alt	50
Enroute	0 H 0 M	Fuel	0 H 0 M	RFL	Set RFL
Route	RASSEZK/07R RASSE V2 ELATO A1 APJ G587 LEKOS M750 MADOG Y753 JAKAL A1 KEC DCT XAC DCT KAGIS A590 PABBA DCT 40N150E 43N160E 47N170E 49N180E 51N170W 52N160W 53N150W DCT GUPEY DCT YZT DCT LYTON J527 YNY DCT YRM DCT YEA J504 YBR DCT TVC DCT ECK DCT ERI DCT CIP DCT PSB				

After amendment, the delivery controller shall continue with regular procedures (assigning squawk, SID, initial altitude), then give the IFR clearance.

5.5. The following flight plan is submitted by a pilot. Assume that Runway 07s are in use, and the time is 1200Z (noise abatement procedures are **not** in effect).

Flight plan setting dialog

Callsign	CPA846	<input checked="" type="radio"/> IFR <input type="radio"/> VFR	AP data	B77W	OK
Origin	VHHH	Destination	KJFK	Alternate	Cancel
TAS	450	Altitude	31000	Squawk	2000
Dep. EST	0 Z	Actual	0 Z	Temp alt	Set temp alt
Enroute	0 H 0 M	Fuel	0 H 0 M	RFL	Set RFL
Route	RASSE V3 ENVAR M750 DADON L1 SALMI B576 CJU A586 TENAS B467 NULAR B941 TD B355 HAB A333 IVADA B912 FA B148 UTS R494 GANPA G101 SALAK B830 DONIT T656 KUTET B934 ABERI DCT 86N060W 80N078W 75N080W 70N078W 65N077W 60N076W DCT MT J570 ALB J37 IGN				

- The route needs to be amended to OCEAN V3 ENVAR.
- They shall also be assigned the regular SID (e.g. OCEAN3A).
- The Delivery controller shall also advise the pilot in their clearance that their route has been changed to OCEAN V3 ENVAR, as changing RASSE to OCEAN would lead to a discontinuity within their route.

After amendment, the delivery controller shall continue with regular procedures (assigning squawk, SID, initial altitude), then give the IFR clearance.

Flight plan setting dialog

Callsign	CPA846	<input checked="" type="radio"/> IFR <input type="radio"/> VFR	AP data	B77W	OK
Origin	VHHH	Destination	KJFK	Alternate	Cancel
TAS	450	Altitude	31000	Squawk	3502
Dep. EST	0 Z	Actual	0 Z	Temp alt	50
Enroute	0 H 0 M	Fuel	0 H 0 M	RFL	Set RFL
Route	OCEAN3A/07R OCEAN V3 ENVAR M750 DADON L1 SALMI B576 CJU A586 TENAS B467 NULAR B941 TD B355 HAB A333 IVADA B912 FA B148 UTS R494 GANPA G101 SALAK B830 DONIT T656 KUTET B934 ABERI DCT 86N060W 80N078W 75N080W 70N078W 65N077W 60N076W DCT MT J570 ALB J37 IGN				

Example:

VHHH_DEL: CATHAY 846, HONG KONG DELIVERY, CLEARANCE READY, ADVISE READY TO COPY.

CPA846: GO AHEAD, CATHAY 846.

VHHH_DEL: CATHAY 846, CLEARED TO NEW YORK-JFK, FROM OCEAN TRACK V3 TO ENVAR, FLIGHT PLANNED ROUTE, CLIMB VIA OCEAN3A DEPARTURE TO 5000 FEET, SQUAWK 3502, DEPARTURE INFORMATION ALPHA CURRENT.

CPA846: CLEARED TO NEW YORK-JFK, FROM OCEAN TRACK V3 TO ENVAR, FLIGHT PLANNED ROUTE, CLIMB VIA OCEAN3A DEPARTURE TO 5000 FEET, SQUAWK 3502, INFORMATION ALPHA, CATHAY 846.

VHHH_DEL: CATHAY 846, READBACK CORRECT.

5.6. The following flight plan is submitted by a pilot. Assume that Runway 07s are in use, and the time is 1200Z (noise abatement procedures are **not** in effect).

Flight plan setting dialog

Callsign	VIR207	<input checked="" type="radio"/> IFR <input type="radio"/> VFR	AP data	B789	OK	
Origin	VHHH	Destination	EGLL	Alternate	Cancel	
TAS	450	Altitude	38100	Squawk	2000	Set squawk
Dep. EST		Actual		Temp alt		Set temp alt
Enroute	0 H 0 M	Fuel	0 H 0 M	RFL		Set RFL
Route	BEKOL DCT YIN G586 QP B330 ELKAL W179 XYD W25 FJC W530 ZW W531 CZH B213 PEXUN L888 XKC A460 RULAD A124 TDK A110 BLH A360 AKB A368 URL G3 ARISA M166 IN L169 UK B102 ASKIL L735 BADUS DCT VABER L29 ALUKA DCT HLZ DCT GORLO UL980 LOGAN					

- The filed route in this flight plan is “BEKOL DCT YIN G586 QP B330 ELKAL...”, which is in violation of the VATPRC Letter of Agreement, which stipulates that routes shall not contain any directs within PRC airspace.
- In this case, the Delivery controller shall advise the pilot of the error via PMs by utilising the .route alias, after which they can issue the clearance.
- The Hong Kong vACC Cue Card and VATPRC Letter of Agreement both contain reroutes for the most common invalid routes filed by pilots.
 - The Delivery controller may refer to these two documents for the valid routes.
 - In cases where a valid route is not available within these two documents, the Delivery controller shall advise the pilot of the error **without** using the .route alias and ask them to file a new flight plan.

After amendment, the delivery controller shall continue with regular procedures (assigning squawk, SID, initial altitude), then give the IFR clearance.

Flight plan setting dialog

Callsign	VIR207	<input checked="" type="radio"/> IFR <input type="radio"/> VFR	AP data	B789	OK
Origin	VHHH	Destination	EGLL	Alternate	Cancel
TAS	500	Altitude	36100	Squawk	5331
Dep. EST	0 Z	Actual	0 Z	Temp alt	Set temp alt
Enroute	0 H 0 M	Fuel	0 H 0 M	RFL	Set RFL
Route	BEKOL A461 SHL W22 TEPID W24 OSNOV G586 QP B330 ELKAL W179 XYO B330 NDSPI G117 XV B228 SORLI G716 TALUB/K0881F380 G716 KEGUL A714				

Example:

(In private messages)

VHHH_DEL: Your filed route is invalid. Are you able to accept the following reroute: BEKOL A461 SHL W22 TEPID W24 OSNOV G586 QP B330 ELKAL, then flight plan route. Once accepted, call on frequency as normal for clearance.

VIR207: Roger, standby, we will advise on frequency when ready. (or any other form of acknowledgement)

(On frequency)

VIR207: HONG KONG DELIVERY, VIRGIN 207, READY TO COPY CLEARANCE.

VHHH_DEL: VIRGIN 207, CLEARED TO LONDON HEATHROW, **FLIGHT PLANNED ROUTE, CLIMB VIA BEKOL4A DEPARTURE TO 5000 FEET, SQUAWK 5331, DEPARTURE INFORMATION BRAVO CURRENT.**

VIR207: CLEARED TO LONDON HEATHROW, **FLIGHT PLANNED ROUTE, CLIMB VIA BEKOL4A DEPARTURE TO 5000 FEET, SQUAWK 5331, INFORMATION BRAVO, VIRGIN 207.**

VHHH_DEL: VIRGIN 207, READBACK CORRECT.

5.7. The following flight plan is submitted by a pilot. Assume that Runway 07s are in use, and the time is 1200Z (noise abatement procedures are **not** in effect).

Flight plan setting dialog

Callsign	UAE381	<input checked="" type="radio"/> IFR <input type="radio"/> VFR	AP data	A388	OK
Origin	VHHH	Destination	OMDB	Alternate	Cancel
TAS	450	Altitude	34000	Squawk	2000
Dep. EST	0 Z	Actual	0 Z	Temp alt	Set temp alt
Enroute	0 H 0 M	Fuel	0 H 0 M	RFL	Set RFL
Route	BEKOL A461 IDUMA DCT POU A599 BSE R339 WUY R474 NOB W21 BQ B214 AKSAG B465 CEA A791 BPL L639 RASKI L301 RAGMA N571 VUSET A454 PASOV M564 PUXIL P574 IMPED				

- This aircraft has filed a direct to POU, then they will join the A599 airway to BSE. However, the A599 airway is actually an eastbound only airway up to BSE, so this needs to be changed.
- They have also filed a cruising altitude of FL340, which is not a valid altitude. The closest altitude is FL341 (10400m).
- Since the difference here is only by 100 feet, the Delivery controller shall amend the altitude on the flight plan and advise the pilot of the change within their IFR clearance, instead of asking them if they can accept a different altitude.
- First, the Delivery controller shall re-route the aircraft using the .route alias.

After amendment, the delivery controller shall continue with regular procedures (assigning squawk, SID, initial altitude), then give the IFR clearance.

Flight plan setting dialog

Callsign	UAE381	<input checked="" type="radio"/> IFR <input type="radio"/> VFR	AP data	A388	OK
Origin	VHHH	Destination	OMDB	Alternate	Cancel
TAS	450	Altitude	34100	Squawk	5156
Dep. EST	0 Z	Actual	0 Z	Temp alt	50
Enroute	0 H 0 M	Fuel	0 H 0 M	RFL	Set squawk
Route	PECAN2A/07R PECAN V10 SIKOU R339 WUY R474 NOB W21 BQ B214 AKSAG B465 CEA A791 BPL L639 RASKI L301 RAGMA N571 VUSET A454 PASOV M564 PUXIL P574 IMPED				

Example:

(In private messages)

VHHH_DEL: Your filed route is invalid. Are you able to accept the following reroute: PECAN V10 SIKOU R339 BSE, then flight plan route. Once accepted, call on frequency as normal for clearance.

UAE381: Standby, will call you back for clearance. (or any other form of acknowledgement)

(On frequency)

UAE381: HONG KONG DELIVERY, EMIRATES 381, REQUEST CLEARANCE TO DUBAI INTERNATIONAL.

VHHH_DEL: EMIRATES 381, CLEARED TO DUBAI INTERNATIONAL, **FLIGHT PLANNED ROUTE, CLIMB VIA PECAN2A DEPARTURE TO 5000 FEET**, EXPECT CRUISING ALTITUDE FL 10400 METRES, SQUAWK 5156, DEPARTURE INFORMATION CHARLIE CURRENT.

UAE381: CLEARED TO DUBAI INTERNATIONAL, **FLIGHT PLANNED ROUTE, CLIMB VIA PECAN2A DEPARTURE TO 5000 FEET**, EXPECT FLIGHT LEVEL 10400 METRES, SQUAWK 5156, INFORMATION CHARLIE, EMIRATES 381.

VHHH_DEL: EMIRATES 381, READBACK CORRECT.

5.8. The following flight plan is submitted by a pilot. Assume that Runway 07s are in use and the time is 1200Z (noise abatement procedures are **not** in effect).

The screenshot shows a 'Flight plan setting dialog' window. The fields are as follows:

Callsign	HDA161	<input checked="" type="radio"/> IFR <input type="radio"/> VFR	AP data	A320	OK
Origin	VHHH	Destination	ZGOW	Alternate	Cancel
TAS	450	Altitude	25000	Squawk	2000
Dep. EST	0 Z	Actual	0 Z	Temp alt	Set temp alt
Enroute	0 H 0 M	Fuel	0 H 0 M	RFL	Set RFL
Route	LAKES V1 DOTMI				

- Their filed cruising altitude is incorrect. In this case, the closest available altitude is FL 4500 metres (FL148).
- The Delivery controller shall ask the pilot if they are able to accept this altitude.

Example:

VHHH_DEL: DRAGON 161, FL250 IS NOT AVAILABLE, ARE YOU ABLE TO ACCEPT FL 4500 METRES?
HDA161: AFFIRM, WE CAN ACCEPT FL 4500 METRES, DRAGON 161.
VHHH_DEL: DRAGON 161, EXPECT FL 4500 METRES.

After amendment, the delivery controller shall continue with regular procedures (assigning squawk, SID, initial altitude). The completed flight plan becomes:

The screenshot shows the 'Flight plan setting dialog' window after amendment. The fields are as follows:

Callsign	HDA161	<input checked="" type="radio"/> IFR <input type="radio"/> VFR	AP data	A320	OK
Origin	VHHH	Destination	ZGOW	Alternate	Cancel
TAS	450	Altitude	14800	Squawk	5364
Dep. EST	0 Z	Actual	0 Z	Temp alt	50
Enroute	0 H 0 M	Fuel	0 H 0 M	RFL	Set RFL
Route	LAKES4A/07R LAKES V1 DOTMI				

5.9. The following flight plan is submitted by a pilot. Assume that Runway 07s are in use and the time is 1200Z (noise abatement procedures are **not** in effect).

Callsign	RESQ51	<input checked="" type="radio"/> IFR <input type="radio"/> VFR	AP data	CL60	OK	
Origin	VHHH	Destination	VHHH	Alternate	Cancel	
TAS	350	Altitude	8000	Squawk	2000	Set squawk
Dep. EST		Actual		Temp alt		Set temp alt
Enroute	0 H 0 M	Fuel	0 H 0 M	RFL		Set RFL
Route	CONGA BETTY					

- The filed route for this aircraft is CONGA DCT BETTY, which does not connect to any SID out of Hong Kong International Airport.
- As this is an aircraft requesting local IFR flight, the Delivery controller shall coordinate with Hong Kong Radar (as CONGA and BETTY are situated outside Approach/Departure airspace) and Hong Kong Departure (as the aircraft will require radar vectors departure).
- After coordination has been performed (see SOP011 for details), the Delivery controller may issue IFR clearance as normal.

Example:

VHHH_DEL: RESCUE 51, HONG KONG DELIVERY, CLEARANCE READY, ADVISE READY TO COPY.

RESQ51: GO AHEAD, RESCUE 51.

VHHH_DEL: RESCUE 51, CLEARED TO HONG KONG, **FLIGHT PLANNED ROUTE, RUNWAY 07R, CLIMB VIA RADAR VECTORS DEPARTURE TO 5000 FEET**, SQUAWK 5201, DEPARTURE INFORMATION DELTA CURRENT.

RESQ51: CLEARED TO HONG KONG, **FLIGHT PLANNED ROUTE, RUNWAY 07R, CLIMB VIA RADAR VECTORS DEPARTURE TO 5000 FEET**, SQUAWK 5201, INFORMATION DELTA, RESCUE 51.

VHHH_DEL: RESCUE 51, READBACK CORRECT.

5.10. The following flight plan is submitted by a pilot. Assume that Runway 07s are in use and the time is 1200Z (noise abatement procedures are **not** in effect).

Flight plan setting dialog

Callsign: RESQ58 IFR VFR AP data: CL60 OK

Origin: VHHH Destination: VHHH Alternate: Cancel

TAS: 250 Altitude: 2500 Squawk: 2000 Set squawk

Dep. EST: 0 Z Actual: 0 Z Temp alt: Set temp alt

Enroute: 0 H 0 M Fuel: 0 H 0 M RFL: Set RFL

Route: RAMEN LIMES

- This is a local IFR flight starting at RAMEN.
- Therefore, the RAMEN contingency SIDs may be issued subject to coordination with Hong Kong Departure.
- Once coordination has been performed with Hong Kong Departure, the clearance may be issued.

Example:

VHHH_DEL: RESCUE 58, HONG KONG DELIVERY, CLEARANCE READY, ADVISE READY TO COPY.

RESQ58: GO AHEAD, RESCUE 58.

VHHH_DEL: RESCUE 58, CLEARED TO HONG KONG, FLIGHT PLANNED ROUTE, CLIMB VIA RAMEN1A DEPARTURE TO 5000 FEET, SQUAWK 5202, DEPARTURE INFORMATION BRAVO CURRENT.

RESQ58: CLEARED TO HONG KONG, FLIGHT PLANNED ROUTE, CLIMB VIA RAMEN1A DEPARTURE TO 5000 FEET, SQUAWK 5202, INFORMATION BRAVO, RESCUE 58.

VHHH_DEL: RESCUE 58, READBACK CORRECT.

5.11. The following flight plan is submitted by a pilot. Assume that Runway 07s are in use and the time is 1200Z (noise abatement procedures are **not** in effect). The pilot has advised that they do not have the PECAN2A departure.

Flight plan setting dialog

Callsign	CPA714	<input checked="" type="radio"/> IFR <input type="radio"/> VFR	AP data	A35K	OK
Origin	VHHH	Destination	WSSS	Alternate	Cancel
TAS	450	Altitude	40000	Squawk	2000
Dep. EST		Actual		Temp alt	Set temp alt
Enroute	0 H 0 M	Fuel	0 H 0 M	RFL	Set RFL
Route	PECAN V12 EPDOS L642 ESPOB Q801 ESBUM Q802 ELALO				

- Since the pilot does not have the latest SID, they may be issued with the old SID (PECAN1A).
- These two SIDs are functionally the same, so no coordination with Hong Kong Departure is required.
- The old SID shall be selected within EuroScope. The SID is prepended with an "x" to indicate its outdated nature.

After amendment, the clearance may be issued. The completed flight plan becomes:

Flight plan setting dialog

Callsign	CPA714	<input checked="" type="radio"/> IFR <input type="radio"/> VFR	AP data	A35K	OK
Origin	VHHH	Destination	WSSS	Alternate	Cancel
TAS	450	Altitude	40000	Squawk	5325
Dep. EST		Actual		Temp alt	50
Enroute	0 H 0 M	Fuel	0 H 0 M	RFL	Set RFL
Route	xPECAN1A/07R PECAN V12 EPDOS L642 ESPOB Q801 ESBUM Q802 ELALO				

RECORD OF REVISION

DATE	REV.	REVISION CONTENT	APPROVAL
01 MAR 2024	0	Initial Release	T. SIU
23 APR 2024	1	Updated SIDs within each example to match AIRAC 2404 Added Section 5.11 for guidance on old VHHH 07R SIDs	T. SIU
05 OCT 2024	2	Updated IFR clearance phraseology	T. SIU