

# **China Airlines** e-AWB Operation Procedure

## For **AGENT**

Version: V 3.0

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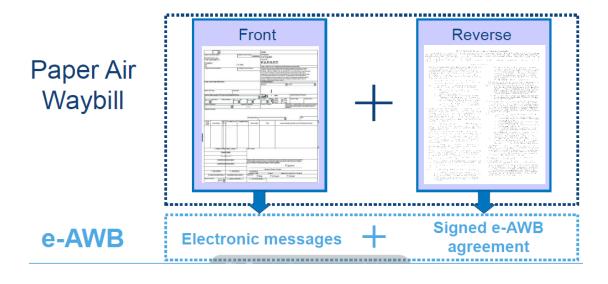
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## 1. Introduction of e-AWB

In today's electronic world, air cargo still relies heavily on paper documentation for the exchange of information. Each international airfreight shipment can require more than 30 different paper documents – increasing the cost of airfreight and lengthening transport times.

The e-freight project aims to take paper out of air cargo and replace it with the exchange of electronic data and messages. Initiated by IATA, the project became an industry-wide initiative involving carriers, freight forwarders, ground handlers, shippers, customs brokers and customs authorities.

The AWB (AirWaybill) is the most important transportation document in Air Cargo. The e-AWB (electronic Air Waybill), is the first step to realize the e-freight vision. The e-AWB project replaces the paper AWB with an electronic contract of carriage between the Freight Forwarder and the Carrier.



## (1) Target

- To replace paper AWB data with FWB EDI message. (Front)
- Base on IATA Recommended Practice 1670 (RP1670) signed by airlines and agents to replace paper contract behind. (Reverse)

## (2) Benefits

The benefits associated to the e-AWB are shared between all stakeholders including regulators. The most important benefits are the following:

- Reduced costs: Elimination of purchase costs for pre-printed paper AWB, reduced AWB printing and archiving costs
- Higher productivity: Elimination of repeating data keying, real time access to AWB information, reduction in cargo handling delays due to missing or illegible paper AWB, detection of errors prior to submitting the physical freight, no waiting time for processing paper AWB at airline desk
- Better reliability: No risk of losing documents and reduced number of errors
- Regulatory compliance: Authorized by international treaties regulating air cargo transport; contribution to the advanced reporting requirements
- Paving the way towards e-freight: A first step toward a paper free air cargo, involving less stakeholders

## (3) IT Capabilities required for doing e-AWB

- Capable of sending FWB(Master AWB) and FHL(House AWB) messages.
- Capable of receiving RCS(Ready for carriage), FMA(syntax correct notice), FNA(syntax or data incorrect notice) messages by EDI or E-mail channel.
- Capability of archiving FWB, FHL, RCS messages.

## 2. e-AWB Scope

### (1) Trade-Lanes

## (a) eAWB live stations:

#### Asia:

Taiwan, Hong Kong, Singapore, Malaysia, Thailand(BKK), Japan, Korea

North America: All CI stations & Off-line points

Europe : All CI stations & Off-line points

- Ocean: BNE, SYD

## (b) IATA eAWB single process stations:

to the airline Export office counter.

In addition to above eAWB live stations, Other destinations to be processed eAWB operation by IATA eAWB single process. e.g. China, Indonesia(other than JKT), Manila, Thailand (other than BKK), Vietnam, Myanmar, Cambodia and India..,etc which still require paper AWB according to local Customs rule. China Airlines(CI) officially implemented IATA e-AWB Single Process starting from 15 August, 2015.

When a paper AWB is required (due to regulatory, network or other constraints), CI produces the paper AWB, on behalf of the forwarders, based on the electronic data exchanged.

Freight Forwarders are not required to deliver paper AWB

(c) Exceptions: Original AWBs are still required to be tendered.

JKT & South America still require original AWB by Forwarder for import Customs clearance.

## (2) Cargo Types

- General Cargo & Special Cargo
- For Special cargo adopted with //EAP// model, one AWB copy to be attached to the documents pouch.

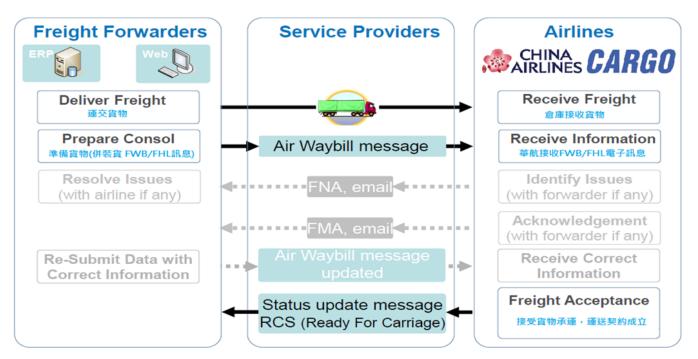
( If dangerous goods, a Shipper's Declaration copy is needed to e-Mail to CI Local Office e-Mail Address: )

Note: Below cargo types are excluded from CI e-AWB scope

- Charge Collect cargo are unacceptable for CI's e-AWB.
- Non Cl's AWBs(prefix ≠ 297).
- → Shipments excluded from e-AWB : please send FWB/FHL to CI as well, though paper AWBs are still required.
- → If any changes, further notice will be made.

## 3. e-AWB Standard Handling Procedure

## (1) Message Flow Overview



### (2) Handling Steps

### A. Make a Booking-

Freight forwarders need to inform CI if there are accompanied paper pouch when making an e-AWB booking via phone. If "Yes", CI's staff will add a special handling code as "EAP" (Consignment with Accompanying Paper documents) into system. Otherwise, "EAW" (Consignment with No Accompanying Paper documents) instead.

Or, tick "EAP" or "EAW" when using e-Booking on CI cargo website.

If "EAP" or "EAW" is not available at booking stage, it should be designated in SPH line of FWB message.

## **B.** Deliver Shipment-

Freight forwarders deliver shipments before the cut-off time as usual.

## C. Send FWB/FHL-

Freight forwarders need to send FWB/FHL to China Airlines 120 minutes prior to flight departure.

If there is accompanied paper pouch, please remark the <u>AWB</u> number, Original station, and Destination station on the cover.

As above mentioned, If "EAP" or "EAW" is not available at booking stage, it should be designated in SPH line of FWB message. Please refer to Section 4 - FWB Introduction, for further information.

#### D. Tender Document Pouch-

Should there be any paper pouch to tender to CI office, the latest is 125 minutes prior to flight departure for inspection.

For export shipment to the U.S., <u>Cargo Security Form</u> is required. Please e-Mail, Fax, or tender Pouch to CI Local Office.

e-Mail:

FAX:

TEL:

#### E. FWB Data Validation-

Once FWB received without any format(syntax) error, CI will reply "FMA" message immediately, otherwise "FNA" instead. For any business data error detected, CI will reply "FNA" as well.

If nothing incorrect, "RCS" will be replied to indicate FWB message are validated and consistent with shipment received i.e. cargo is ready for carriage.

## F. Error Message Handling-

Once "FNA" received, freight forwarders are requested to correct the FWB and re-send it to China Airlines 120 minutes prior to flight departure.

Should there be any abnormal condition, please must contact CI Local Office for emergency handling.

If corrected FWB could not be transmitted in time prior to flight departure, freight forwarders must contact CI office for "CCA- Charge Correction Advice"

## G. Ready for Carriage-

As above mentioned, "RCS" message sent to freight forwarders via EDI and e-mail is to confirm the shipment is ready for carriage. Freight Forwarders can also print out the Cargo Receipt (please refer to the figure below) from CI Cargo website.

Shipper N	lame		Shipment ki	entification			
					Carg	jo Receipt	
			Issued	Ву			
De vitation of the			0:				
Day/Month/Time (of Shipment Acceptance)		Airport/City Code (of Shipment Accep	otance)		age is subject to Carrier' ract previously made ava		
No. of Pieces	Gross Weight	K / L	Volume	Airport/City Code	(of Origin)	Airport/City Code (of Destination)	Airport/City Code (of Routing)

## H. Message Archiving-

The FWB, FHL and RCS messages sent to or received from CI need to be stored by freight forwarders for retrieval whenever needed. (For a minimum of five years)

#### → Precautions:

For business data elements in FWB message, China Airlines will check only Pieces, Gross Weight, Chargeable Weight, Commodity and Other Surcharge Code.

If any other elements are incorrect and cause irregular problems, freight forwarders must take the responsibility.

All special cargo information should be clearly declared in FWB, Including dangerous goods, live animals, special temperature control..,etc. which is same as Paper AWB shown on Handling information.

## (3) FWB/FHL Transmission Channel

Freight forwarders may send the EDI message through one of channels below:

- **Direct connection:** FTP Host-to-Host connection
- **Indirect connection:** Service Providers solution, including:
  - CCS (Cargo Community System) providers: Trade-Van,
     Descartes, GLSHK, CCN, Traxon, Champ...etc.

#### SITA

 Input e-AWB data directly: Login to CI Cargo website, or Trade-Van platform to input FWB/FHL and submit to China Airlines directly.

## (4) The Version adopted for FWB/FHL

Document Type	Message Type	Versison
MAWB	FWB	2,4,5,6,7,9,16
House Manifest	FHL	2,3,4

<sup>→</sup> For Europe shipments, please must send FWB/16, FHL/4

#### 4. FWB Introduction

FWB messages are very important electronic data to replace paper AWB for e-AWB shipment. Forwarders must avoid the abnormal conditions listed below to ensure CI can handle and move your cargo as planned.

- Transmission problem: Message can not reach CI system in time.
- Syntax Error: Due to not comply with IATA Cargo\_IMP format.
- Business Data Error: If the contents of FWB data fields are incorrect, and could not be corrected/resent by cut-off time.

To avoid the syntax or business data error, please refer the high-lights below:

- → The slant "/" is used as an element separator For system use, please do not use it in the contents of FWB messages.
- → Other Special Characters Only "." and "-" of the special characters is accepted, other symbols and lower case letters are not acceptable. If the FWB messages contain the unacceptable characters, it will fail in transmitting the FWB to CI's system.

- → The Limits for the Length/Number of the Characters Please must follow the rules to prevent the failure.
- → Address and Company Name of the Abbreviation Please follow origin/destination Customs' regulation avoid shipments to irregularity.

#### Definition of each FWB field:

## 1. AWB Consignment Details (Mandatory)

Field Name	Limits of Characters	Mandatory (Y/N)	Example
AWB No.	11	Υ	297-12345670
Origin Airport	3	Υ	TPE
Destination Airport	3	Υ	LAX
Total Pieces	4	Υ	168
Weight code	1	Υ	Please use K (Kg)
Weight	7	Υ	5888

Example:

FWB/16

297-12345670TPELAX/T168K5888

## 2. Flight Information (Optional, CI can accept the booking via phone call, or e-Booking on CI cargo website.)

Line Identifier: FLT

Field Name	Limits of Characters	Mandatory (Y/N)	Example
Carrier Code	2	N	CI
Flight Number	5	N	616
Day	2	N	28

Flight Information are optional. However, if one of the columns has a value, other 2 columns must have it also.

Example:

FLT/CI616/28

## 3. Routing (Mandatory)

Line Identifier: RTG

Field Name	Limits of Characters	Mandatory (Y/N)	Example
Airport/City Code	3	Υ	TPE
Carrier Code	2	Υ	CI

Routing is a Loop, it depends on the segments of the flights.

Example 1: RTG/LAXCI (direct flight, one segment)

Example 2: RTG/LUXCI/TPECI/LAXCI (connecting flight)

# 4. Shipper/Consignee Address, Postal Code & State Code (Mandatory)

Line Identifier: **SHP** (Shipper), **CNE** (Consignee)

Field Name	Limits of Characters	Mandatory (Y/N)	Example
Name	35	Υ	XYZ LOGISTICS
Street Address	35	Υ	588 HSIN-NAN RD
Place/City	17	Υ	TAIPEI
State/Province	9	N (Note*)	CA
ISO Country Code	2	Υ	TW
Postal Code	9	N (Note*)	91786
1 Ostal Code	,		V7B1K6
Contact Identifier	9	N	
Contact Number	25	N	

(Note\*): Freight forwarders need to follow local customs' regulation to provide accuracy and required data in FWB. In some regions, Postal Code and State Code are mandatory. If FWB/FHL messages do

not provide these Codes, it might be rejected by CI's system.

Example:
SHP
/XYZ LOGISTICS LTD
/588 HSIN-NAN RD
/TAIPEI/
/TW/10066
CNE
/ABC FORWARDING INC
/ 7968 CURRIER RD
/ LOS ANGELES/CA
/US/ 91786

To comply with IATA Cargo IMP rules, Shipper /Consignee address cannot exceed 35 characters, you may use the abbreviation instead as recommended below:

Arcade **ARC AVE** Avenue **Boulevard BVD** Close CL **CRES** Crescent Drive DR Esplanade **ESP** Grove GR Highway **HWY** Parade **PDE** Place PL Road **RD** Square SQ Street ST Terrace **TCE** 

## 5. Agent Information(Mandatory)

Line Identifier: AGT

Field Name	Limits of	Mandatory	Fyramula
rieid Name	Characters	(Y/N)	Example

Field Name	Limits of Characters	Mandatory (Y/N)	Example
IATA Cargo Agent Numeric Code	7	Υ	3935687
CASS Address	4	N	0936
Name	35	Υ	XYZ AIR SERVICES
Place	17	Υ	TAIPEI

Example:
AGT//3935687/0936
/XYZ AIR SERVICES
/TAIPEI/

## 6. SSR- Special Service Request (It is mandatory for special cargo)

Line Identifier: **SSR** 

Freight forwarders should provide SSR in this field for Lithium Battery Cargo, Dangerous Goods, other special cargo or which cargo needs special handling.

Field Name	Limits of Characters	Mandatory (Y/N)	Example
SSR	65x3 (each row for 65, maxima 3 rows)	N	LITHIUM METAL BATTERIES NOT RESTRICTED AS PER PI969 II

Example 1: (Live animals special request declaration)

SSR/ SHIPPERS CERTIFICATION FOR LIVE ANIMALS ATTATCHED

/ DO NOT FEED BUT FRESH WATER TO BE PROVIDED

Example 2: ( Non- Dangerous goods declaration )

SSR/LITHIUM METAL BATTERIES NOT RESTRICTED AS PER PI969 II

# 7. OSI-Other Service Information (Depend on the requirement of cargo to provide if needed.)

Line Identifier: OSI

Freight forwarders should provide OSI in this field for which cargo needs special handling. If the space of the SSR is not enough, please use the OSI column to describe more information.

Field Name	Limits of Characters	Mandatory (Y/N)	Example
Other Service Information	65x3 (each row for 65, maxima 3 rows)	Z	SHIPPERS CERTIFICATION FOR LIVE ANIMALS ATTATCHED

Example: ( Dangerous goods declaration )

OSI/DANGEROUS GOODS AS PER ATTACHED SHIPPERS DECLARATION

/ 1 PACKAGE

SSR and OSI fields are equivalent to "Handling Information box" of traditional paper AWB, so please must provide sufficient and correct information accordingly.

## 8. Accounting Information (Optional)

Line Identifier: ACC

Field Name	Limits of Characters	Mandatory (Y/N)	Example
Accounting	3	N	GEN (General
Information			Information)
Identifier			<b>GBL</b> (Government Bill
			of Lading)
			MCO (Miscellaneous
			Charge Order)
			STL (Mode of
			Settlement)

Field Name	Limits of Characters	Mandatory (Y/N)	Example
			<b>RET</b> (Return to Origin)
			SRN (Shipper's
			Reference Number)
Accounting	2.4	N	PAYMENT BY
Information	34	N	CERTIFIED CHEQUE

This line can be repeated for up to nine times.

Example: ACC/GEN/PAYMENT BY CERTIFIED CHEQUE

## 9. Charge Declarations (Mandatory)

Line Identifier: CVD

Limits of Mandatory					
Field Name	Limits of Characters	Mandatory	Example		
		(Y/N)			
ISO Currency Code	3	Y	TWD		
Charge Code	2	Υ	PP (Charges Prepaid)		
Charge Code	2	ľ	CC (Charges Collect)		
P/C Indicator	1	V	P (Prepaid Indicator)		
(Weight/Valuation)	1	Y	C (Collect Indicator)		
P/C Indicator	4	V	P (Prepaid Indicator)		
(Other Charge)	1	Υ	C (Collect Indicator)		
Declared Value for					
Carriage	12		100.00		
or		Υ			
No Value	3		NVD		
Declaration					
Declared Value for	12	Υ	1080.00		
Customs					
or					
No Customs Value	3		NCV		
Amount of	11	Υ	1000.00		
Insurance					
or					
No Value	3		XXX		

Example 1: CVD/TWD//PP/NVD/NCV/XXX

Example 2: CVD/TWD/PX/PP/NVD/NCV/XXX

Example 3: CVD/TWD//PP/NVD/1500.00/XXX

## 10. Rate Descriptions (Mandatory)

Line Identifier: RTD

Field Name	Limits of Characters	Mandatory (Y/N)	Example
AWB Rate Line	2	Υ	1
No.	2	'	
No. of Pieces	4		
or			50
Rate	3	Υ	
Combination			TPE
Point			
Weight Code	1	Υ	Please use K (Kg)
Weight	7	Υ	980.5
Rate Class Code	1	Υ	Q
Commodity	4-7	N	9017
Item No.	4-7	IN	9017
Chargeable	7	Υ	1000.0
Weight	,	Ĭ	1000.0
Rate or Charge	8	Υ	150.00
Total Charge	12	Υ	150000.00
Amount			

Example 1: RTD/1/P50/K980.5/CQ/W1000.0/R150.00/T150000.00

Example 2: RTD/1/P1/K50.0/CS/SN100/W98/R12.25/T1200.50

## 11. Nature and Quantity of Goods (Mandatory)

It is under the Rate Description.

Field	Limits of	Mandatory	Description	Evample
Name	Characters	(Y/N)	Description	Example

Field Name	Limits of Characters	Mandatory (Y/N)	Description	Example
NG	20	Alternative,	Non-consolidation	CLOTH SAMPLES
		Mandatory	shipments	
NC	20		Consolidation	CONSOLIDATION
			shipments	CONSOL
ND	Dims	N	Dimensions:	CMT70-80-100/5
	column: 5		CMT(centimeter)	
			Length-Width-Height/	
	Piece		Piece	
	column:4			
NV	9	Υ	Volume-	MC5.65
			MC: Cubic Meter	CF100.00
			CF: Cubic Feet	
NU	11	N	ULD data	AKE36068CI
NS	5	N	SLAC(Shipper Load	200
			and Count)- Shipper	
			Load	

Freight forwarders must provide the correct Nature and Quantity of Goods under the regulations of Customs to avoid any irregularity happened.

For -PPK- cargo, the total pieces of SLAC (Shipper Load and Count) in the containers must be noted in NS field.

> Example 1: Non-consolidation shipment RTD/1/P18/K888.0/CQ/W888.0/R6.6/T5860.8 /NG/CLOTH SAMPLES /2/ND//CMT70-80-100/5 /3/ND//CMT110-90-105/12 /4/ND//CMT110-95-100/1 /5/NV/MC18.50

Example 1: Consolidation shipment
RTD/1/P7/K1680/CQ/W1680/R66/T110880
/NC/CONSOLIDATION
/1/NC/AS PER ATTACHED LIST

## 12. Other Surcharges (Mandatory)

Line Identifier: **OTH** 

Field Name	Limits of Characters	Mandatory (Y/N)	Example
P/C Indicator	1	Υ	P (Prepaid Indicator) C (Collect Indicator)
Other Charge Code	2	Υ	MY
Entitlement Code	1	Υ	A (Other Charge due Agent) C (Other Charge due Carrier)
Charge Amount	12	Υ	40.00

Example: OTH/P/MYC276.00CBC40.00CGC320.00

For other surcharge codes used by CI for Taiwan Export, please see the list below. Due to different airlines might use different codes for different purposes, please must send the correct one to CI.

Other Charge	Description					
Code						
MY	Fuel surcharge - due issuing carrier					
СВ	Completion/preparation of documents					
CC	Manual FHL data for customs purposes input by carrier					
Electronic processing or transmission of FHL dat						
CG	customs purposes by freight forwarder					
CG	Electronic processing or transmission of data for					
CG	Indonesia Import					
DB	Charge collect other charge due agent					
RA	Dangerous goods handling fee					

## 13. Shipper's Certification (Mandatory)

Line Identifier: **CER** 

Field Name	Limits of Characters	Mandatory (Y/N)	Example
Signature	20	Υ	ABC MACHINERY LTD.

Example: CER/ABC MACHINERY LTD

## 14. Carrier's Execution (Mandatory)

Line Identifier: ISU

Field Name	Limits of Characters	Mandatory (Y/N)	Example
Day	2	Υ	23
Month	3	Υ	JUN
Year	2	Υ	12
Place or Airport/City Code	17	Υ	TAIPEI
Signature	20	Υ	EXPRESSAIR SERVICES

Example: ISU/23JUL12/TAIPEI/EXPRESSAIR SERVICES

## 15. Sender Reference (Mandatory)

Line Identifier: **REF** 

Field Name	Limits of Characters	Mandatory (Y/N)	Example
Airport/City Code	3	N	TPE

Field Name	Limits of Characters	Mandatory (Y/N)	Example
Office Function Designator	2	N	FF (Cargo Handling) FR (Cargo Reservation) FM (Cargo Systems Address)
Company Designator	2	N	ХВ
Participant Identifier	3	Υ	AGT (Agent)  FFW (Freight Forwarder)  GHA (Ground Handling  Agent)
Participant Code	17 ("space" is not allowed)	Υ	TRANSPARENTAIR SERVICES
Airport/City Code	3	Υ	TPE

Example: REF///AGT/ TRANSPARENTAIRSERVICES/TPE

## 16. Special Handling Details (Optional)

Line Identifier: **SPH** 

Field Name	Limits of Characters	Mandatory (Y/N)	Example
Special Handling Code	3	N	EAP

Example: SPH/EAP/BUP

(Per IATA CIMP rules, can exceed the maximum of nine codes.)

## 5. Contingency Plan

If any failure due to an event of force majeure that FWB/FHL messages cannot be transmitted in time, you may log in CI Cargo Website with your e-Booking ID/Password and input MAWB/HAWB data instead.

CI Cargo Website:

https://cargo.china-airlines.com/CCNet/global/index.aspx

Also you may contact airport office directly via telephone, fax and e-Mail(attached PDF files of MAWB/HAWB) for urgent assistance.



**Global Cargo office Contact Information** 

# 6. FWB Error Code Description

## (CI does not accept Charge Collect for e-AWB)

Error Code	Description
	Air Waybill already tendered or created in carriers system. The FWB has
FWB0015	been received after the carrier has created the data in his system and is
FWD0013	too late to be of any use.
	(In this case, please contact airport cargo office directly.)
AWB0015	Invalid or missing AWB consignment details - airline prefix.
AWB0020	Invalid or missing AWB consignment details - AWB serial number.
AVA/D002F	Invalid or missing AWB consignment details - airport code of origin.
AWB0025	(please muse use airport code instead of city code!)
AWB0030	Invalid or missing AWB consignment details – airport code of destination.
AVVBUUSU	(please muse use airport code instead of not city code!)
AWB0040	Invalid or missing AWB consignment details - number of pieces.
AVV DUU4U	(Only accept numeric, "space" is unacceptable.)
AWB0045	Invalid or missing AWB consignment details - weight code.
AVV BOO43	(must input K or L, and "K" is recommended)
AWB0050	Invalid or missing AWB consignment details - weight.
AVV D0030	(Only accept under a number of decimal.)
	Invalid or missing CC charges in destination currency details - CC charges
CDC0025	in destination currency - charge amount. ("space" or "0" is unacceptable
	if CC charges in destination currency - charge amount)
	Invalid or missing CC charges summary details - total weight charge -
COL0020	charge amount. ("space" or "0" is unacceptable in CC charges total
	weight - charge amount)
	Invalid or missing collect charge summary details - total other charges
	due agent - charge amount. ("space" or "0" is unacceptable in CC
	charges/ total other charges due agent - charge amount)
	Invalid or missing totals collect charge summary details - total other
COL0040	charges due carrier - charge amount. ("space" or "0" is unacceptable in
	CC charges/ total other charges due carrier - charge amount)
	Invalid or missing CC summary details - charges summary total - charge
COL0045	amount. ("space" or "0" is unacceptable in CC charges/ total charge
	amount)

Error Code	Description		
CVD0015	Invalid or missing charge declarations details - ISO currency code.  (Only accept ISO currency code)		
CVD0025	Invalid or missing charge declarations details - p/c indicator Weight/Valuation.  (Only accept "P" or "C" in Weight/ Valuation column)		
CVD0030	Invalid or missing charge declarations details - p/c indicator Other charges.  (Only accept "P" or "C" in Other charges column)		
CVD0035	Invalid or missing charge declarations details - declared value for carriage.  (Only accept NVD or declared value)		
CVD0040	Invalid or missing charge declarations declared details - value for customs		
CVD0045	Invalid or missing charge declarations details - value for insurance		
FLT0015	Invalid or missing flight booking details - carrier code		
FLT0020	Invalid or missing flight booking details - flight number.		
FLT0025	Invalid or missing flight booking details - day.		
OTH0020	Invalid or missing other charge details - other charge code.  (Invalid Other Charge code, or lack of "RAC" for Dangerous Goods)		
ОТН0030	Invalid or missing other charge details - charge amount.  ("0" is unacceptable, or amount is incorrect)		
PPD0020	Invalid or missing prepaid charge summary details total weight charge - charge amount.		
PPD0035	Invalid or missing prepaid charge summary details - total other charges due agent - charge amount.		
PPD0040	Invalid or missing prepaid charge summary details - total other charges due carrier -charge amount.		

Error Code	Description		
PPD0045	Invalid or missing prepaid charge summary details - charge summary total		
	- charge amount.		
RTD0025	Invalid or missing rate description details - number of pieces/RCP details -		
	number of pieces/rate combination point.		
	Invalid or missing rate description details - gross weight details - weight		
RTD0030	code.		
	(Only accept "K" or "L" for Weight code)		
RTD0035	Invalid or missing rate description details - gross weight details - weight.		
	("space" or "0" is unacceptable)		
RTD0040	Invalid or missing rate description details - rate class details - rate class		
	code.		
	Invalid or missing rate description details - commodity item number		
	details - commodity item number/ULD rate class type/rate class code		
RTD0045	class rate percentage.		
	(If Rate class code begins with "C", it must provide "commodity item		
	number" accordingly)		
	Invalid or missing rate description details - chargeable weight details		
RTD0050	-weight.		
	(Chargeable weight must be greater than or equal to Gross weight)		
	Invalid or missing rate description details - total details charge amount or		
RTD0060	discount amount.		
	("space" or "0" is unacceptable)		
DTD0070	Invalid or missing rate description details - goods description nature and		
RTD0070	quantity of goods.		
	("space" is unacceptable)		
RTD0075	Invalid or missing rate description details – consolidation - nature and quantity of goods.		
K100075	("space" is unacceptable)		
	Invalid or missing rate description details – dimensions - weight code		
RTD0080	(Only accept "K" or "L" for weight code)		
RTD0085 Invalid or missing rate description details – dimensions - weight.			
VID0003	(the sum of each dimension/ weight cannot exceed total weight)		
	the sam of each annension, weight cannot exceed total weight)		

Error Code	Description		
RTD0110	Invalid or missing rate description details – dimensions - no of pieces.		
	(the sum of each dimension/ piece cannot exceed total pieces)		
RTD0115	Invalid or missing rate description details - volume - volume code.		
	(Only accept "CF" or "MC" for Volume code)		
	Invalid or missing rate description details – volume - volume amount.		
RTD0120	("space" or "0" is unacceptable, except when SPH code is "BUP" or		
	NDA-0-0/0)		
RTG0015	Invalid or missing routing details - 1st destination/carrier airport city		
	code.		
	(must use airport code, instead of city code)		
RTG0020	Invalid or missing routing details - 1st destination/carrier code.		
	Invalid or missing routing details - onward destination/carrier airport city		
RTG0025	code.		
	(must use airport code, instead of code)		
RTG0030	Invalid or missing routing details - onward destination/carrier code.		

Error Code	Description ( Error code only for China Airlines )	
CAL0010	No AWB/FWB consignment details.	
CAL0015	Air Waybill already tendered or created in carriers system. The FWB has been received after the carrier has created the data in his system and is too late to be of any use.  (If any problem, please contact airport cargo office directly.)	
CAL0020	FWB charges collect not allowed to this destination .	
CAL1025	"Space" is not allowed for "Destination" and both FWB and CI data have violations.	
CAL2015	House Air Waybill already created in carriers system. The FWB has been received after the carrier has created the data in his system and is too late to be of any use.  (If any problem, please contact airport cargo office directly.)	
CAL8015	Invalid consignee details- lack of characters at least 4 - name. (must be more than 4 characters)	
CAL8025	Invalid consignee details- lack of characters at least 4 - place. (must be more than 4 characters)	
CAL9015	Invalid shipper details- lack of characters at least 4 - name. (must be more than 4 characters)	
CAL9025	Invalid shipper details- lack of characters at least 4 - place. (must be more than 4 characters)	
CAL9040	This trade-lane not allow for China Airlines e-Freight (e-AWB) operation.	
CAL9050	China Airlines only accept general cargo or which special handling code with ELI or ELM for e-Freight shipment.	
CAL9060	China Airlines e-Freight operation only allow for Prepaid shipment.	
CAL9070	The airport code or city code of origin not match with your booking. Please check and re-confirm it with CAL.	
CAL9080	The airport code or city code of destination not match with your booking. Please check and re-confirm it with CAL.	

<sup>→</sup> If any change, will keep informed.

#### 7. APPENDIX

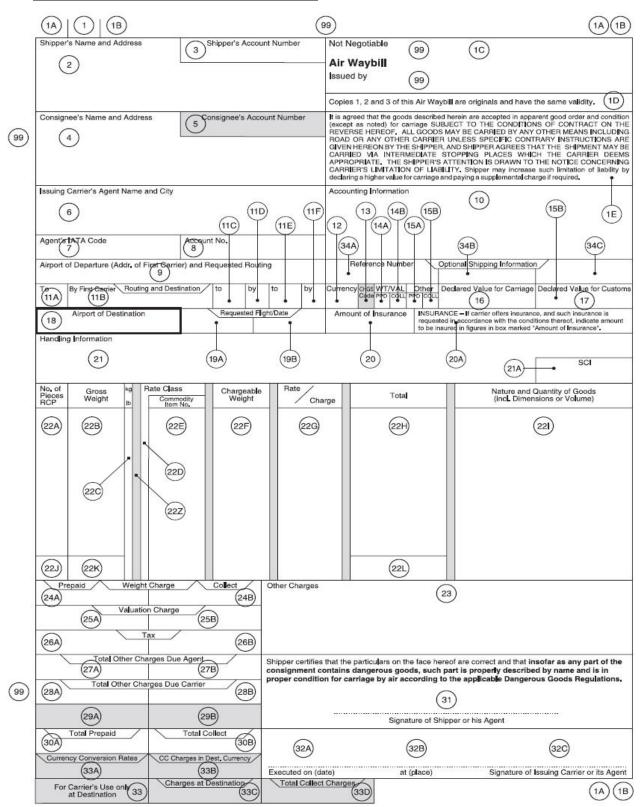
## **Description of EDI message types:**

- FWB: Master Air Waybill Data
- FHL: House Manifest Data
- FSU: Freight Status Update for all shipment movements
- FOH: Freight On-Hand
- RCS: Cargo ready for carriage
- FMA: Message Acknowledgement (with correct syntax)
- FNA: Error Message
- SPH: Special Handling Code
- EAP: e-freight consignment with accompanying documents
- EAW: e-freight consignment with no accompanying documents
- ECC: Electronic Cargo Contract (e-AWB, signed EDI Agreement)

## **IATA e-AWB Website:**

https://www.iata.org/whatwedo/cargo/e/eawb/Pages/index.aspx

#### **FWB Error Code vs Air Waybill Ref Column:**



**ORIGINAL 3 (FOR SHIPPER)** 

AWB Ref column	Description	Error Code	Description
1	Airport City Code of Origin	AWB0025	Invalid or AWB details – airport code of origin
1	Airport City Code of Origin	AWB1025	AWB consignment details - airport/city code of origin incorrect
1A	Airline Prefix	AWB0015	Invalid or missing AWB details – airline prefix
1B	AWB Serial Number	AWB0020	Invalid or missing AWB details – AWB number
2	Shipper's Name	SHP0020	Invalid or missing shipper details – company name
2	Shipper's Address	SHP0025	Invalid or missing shipper details – street address
2	Shipper's Address	SHP0030	Invalid or missing shipper details – place
2	Shipper's Address State or Province	SHP0035	Invalid or missing shipper details – state or province
2	Shipper's Address Country Code	SHP0040	Invalid or missing shipper details – country code
2	Shipper's Address Postcode	SHP0045	Invalid or missing shipper details – postcode
2	Shipper's Contact Person	SHP0050	Invalid or missing shipper details – contact person
2	Shipper's Contact Number	SHP0055	Invalid or missing shipper details – contact number
2	Shipper's Name	SHP1020	Shipper details - name incorrect
2	Shipper's Address	SHP1025	Shipper details - street address incorrect
2	Shipper's Address	SHP1030	Shipper details - place incorrect
2	Shipper's Address State or Province	SHP1035	Shipper details - state/province incorrect
2	Shipper's Address Country Code	SHP1040	Shipper details - ISO country code incorrect
2	Shipper's Address Postcode	SHP1045	Shipper details - post code incorrect
2	Shipper's Contact Person	SHP1050	Shipper details - contact identifier incorrect
2	Shipper's Contact Number	SHP1055	Shipper details - contact number incorrect
3	Shipper's Account Number	SHP0015	Invalid or missing shipper details – account number
3	Shipper's Account Number	SHP1015	Shipper details - account number incorrect
4	Consignee's Name	CNE0020	Invalid or missing consignee details – company name
4	Consignee's Address	CNE0025	Invalid or missing consignee details – street address
4	Consignee's Address	CNE0030	Invalid or missing consignee details – place
4	Consignee's Address State or Province	CNE0035	Invalid or missing consignee details – state or province
4	Consignee's Address Country Code	CNE0040	Invalid or missing consignee details – country code
4	Consignee's Address Postcode	CNE0045	Invalid or missing consignee details – postcode
4	Consignee's Contact Person	CNE0050	Invalid or missing consignee details – contact person
4	Consignee's Contact Number	CNE0055	Invalid or missing consignee details – contact number
4	Consignee's Name	CNE1020	Consignee details - name incorrect
4	Consignee's Address	CNE1025	Consignee details - street address incorrect
4	Consignee's Address	CNE1030	Consignee details - place incorrect
4	Consignee's Address State or Province	CNE1035	Consignee details - state/province incorrect
4	Consignee's Address Country Code	CNE1040	Consignee details - ISO country code incorrect
4	Consignee's Address Postcode	CNE1045	Consignee details - post code incorrect

AWB Ref column	Description	Error Code	Description
4	Consignee's Contact Person	CNE1050	Consignee details - contact identifier incorrect
4	Consignee's Contact Number	CNE1055	Consignee details - contact number incorrect
5	Consignee's Account Number	CNE0015	Invalid or missing consignee details – account number
5	Consignee's Account Number	CNE1015	Consignee details - account number incorrect
6	Issuing Carrier Agent Name	AGT0035	Invalid or missing agent name
6	Issuing Carrier Agent Address	AGT0040	Invalid or missing agent address
7	Agent IATA Code	AGT0020	Invalid or missing agent details – IATA agent code
7	Agent IATA Address	AGT0025	Invalid or missing agent details – IATA agent CASS address
8	Account Number	AGT0015	Invalid or missing agent details – account number
9	Airport City Code of Origin	AWB0025	Invalid or AWB details – airport code of origin
9	Airport City Code of Origin	CAL9070	The airport code or city code of origin not match with your booking.
			Please check and re-confirm it with CAL.
10	Accounting Information	ACC0010	Invalid or missing accounting information
10	Accounting Information	ACC1010	Accounting Information incorrect
11A	Airport Code of First Destination	RTG0015	Invalid or missing route info – 1st destination airport code
11A	Airport Code of First Destination	RTG1015	Routing details - 1st destination/carrier airport city code incorrect
11B	2 Letter Code of First Carrier	RTG0020	Invalid or missing route info – 1st destination carrier code
11B	2 Letter Code of First Carrier	RTG1020	Routing details - 1st destination/carrier carrier code incorrect
11C/11E		RTG1025	Routing details - onward destination/carrier airport city code incorrect
11D/11F		RTG1030	Routing details - onward destination/carrier carrier code incorrect
12	Currency	CVD0015	Invalid or missing charges currency code
12	Currency	CVD1015	Charge declarations details - ISO currency code incorrect
13	Charges Codes	CVD0020	Invalid or missing charge declaration detail – charge code
13	Charges Codes	CVD1020	Charge declarations details - charge code incorrect
14A/14B	Weight / Valuation Charges	CVD0025	Invalid or missing PP or CC of weight or valuation
14A/14B	Weight / Valuation Charges	CVD1025	Charge declarations details - p/c indicator (Weight/Valuation) incorrect
15A/15B	Other Charges at Origin	CVD0030	Invalid or missing PP or CC for other charges
15A/15B	Other Charges at Origin	CVD1030	Charge declarations details - p/c indicator (Other charges) incorrect
16	Declared Value for Carriage	CVD0035	Invalid or missing details – declared value for carriage
16	Declared Value for Carriage	CAL9060	China Airlines e-Freight operation only allow for Prepaid shipment.
17	Declared Value for Customs	CVD0040	Invalid or missing details – value for customs declaration
17	Declared Value for Customs	CAL9060	China Airlines e-Freight operation only allow for Prepaid shipment.
18	Airport City Code of Destination	AWB0030	Invalid or missing AWB details – airport code of destination
18	Airport City Code of Destination	CAL9080	The airport code or city code of destination not match with your
			booking.
			Please check and re-confirm it with CAL.

AWB Ref column	Description	Error Code	Description
19A/19B	Requested Flight Carrier Code	FLT0015	Invalid or missing flight booking details – carrier code
19A/19B	Requested Flight Number	FLT0020	Invalid or missing flight booking details – flight number
19A/19B	Requested Flight Date	FLT0025	Invalid or missing flight booking details – date
19A/19B	Requested Flight Numbe/Date	FLT1010	Flight booking details incorrect
20	Amount of Insurance	CVD0045	Invalid value for insurance declaration – XXX
20	Amount of Insurance	CAL9060	China Airlines e-Freight operation only allow for Prepaid shipment.
21	Handling Information	SSR0010	Invalid or missing Special Service Request – SSR details
21	Handling Information	SSR1010	Special Service Request incorrect
21	Handling Information	OSI0010	Invalid or missing Other Service Information.
21	Handling Information	OSI1010	Other Service Information incorrect
21	Handling Information	SPH1010	Special handling code incorrect
21	Handling Information	NFY1015	Also notify details incorrect
21	Handling Information	NFY1020	Also notify details - street address incorrect
21	Handling Information	NFY1025	Also notify details - place incorrect
21	Handling Information	NFY1030	Also notify details - state/province incorrect
21	Handling Information	NFY1035	Also notify details - ISO country code incorrect
21	Handling Information	NFY1040	Also notify details - post code incorrect
21	Handling Information	NFY1045	Also notify details - contact identifier incorrect
21	Handling Information	NFY1050	Also notify details - contact number incorrect
21A	Other customs information details	OCI1010	Other customs information details incorrect
22A	Rate description details	RTD1025	Rate description details - number of pieces/RCP details - number of
			pieces/rate combination point incorrect
22B	Rate description details	RTD1035	Rate description details - gross weight details - weight incorrect
22C	Weight Code	AWB0045	Invalid or missing AWB details – unit of weight
22C	Weight Code	RTD0035	Invalid or missing rate description details - gross weight details - weight.
22C	Weight Code	RTD1030	Rate description details - gross weight details - weight code incorrect
22D	Rate class	RTD0040	Invalid or missing rate description details - rate class details - rate class
			code.
22D	Rate class	RTD1040	Rate description details - rate class details - rate class code incorrect
22E	Commodity Item No	RTD0045	Invalid or missing rate description details - commodity item number
			details - commodity item number/ULD rate class type/rate class code
			class rate percentage.
22E	Commodity Item No	RTD1045	Rate description details - commodity item number details -
			commodity item number/ULD rate class type/rate class code
			class rate percentage incorrect

AWB Ref column	Description	Error Code	Description
22F	Chargeable Weight	RTD0050	Invalid or missing rate description details - chargeable weight details
			-weight.
22F	Chargeable Weight	RTD1050	Rate description details - chargeable weight details - weight
			incorrect
22G	Rate charge details	RTD1055	Rate description details - rate charge details - rate or charge or
			discount incorrect
22H	Total	RTD0060	Missing rate description details – total charge amount
22H	Total	RTD1060	Rate description details - total details - charge amount or
			discount amount incorrect
221	Nature and Quantity of Goods	RTD0075	Invalid or missing rate description details - consolidation nature and
			quantity of goods.
221	Nature and Quantity of Goods	RTD0070	Invalid or missing details – nature and quantity of goods
221	Nature and Quantity of Goods	RTD1070	Rate description details - goods description - nature and
			quantity of goods incorrect
221	Nature and Quantity of Goods – Dimensions	RTD0080	Invalid or missing rate description details – dimensions - weight code
221	Nature and Quantity of Goods – Dimensions	RTD0090	Invalid or missing dimensions details
221	Nature and Quantity of Goods – Dimensions	RTD0110	Invalid or missing rate description details – dimensions - no of pieces.
221	Nature and Quantity of Goods – Volume	RTD0115	Invalid or missing volume details
22J	Total Number of Pieces	AWB0040	Invalid or missing AWB details – number of pieces
22K	Total Gross Weight	AWB0050	Invalid or missing AWB details – total gross weight
23	Other Charges	OTH0015	Invalid or missing other charge details - p/c indicator
23	Other Charges	OTH0020	Invalid or missing other charge details - other charge code
23	Other Charges	OTH0025	Invalid or missing other charge details - entitlement code
23	Other Charges	OTH0030	Invalid or missing other charge details - charge amount
23	Other Charges	OTH1010	Other charges details incorrect
24A	Prepaid Weight Charge	PPD0020	Invalid or missing PP charge details – total weight charge
24A	Prepaid Weight Charge	PPD1020	Prepaid charge summary details - total weight charge - charge amount
			incorrect
24B	Collect Weight Charge	COL0020	Invalid or missing CC detail – total weight charge
24B	Collect Weight Charge	COL1020	Collect charge summary details - total weight charge - charge amount
			incorrect
25A	Prepaid Valuation Charge	PPD0025	Invalid or missing PP charge details – valuation charge
25A	Prepaid Valuation Charge	PPD1025	Prepaid charge summary details - valuation charge - charge amount
			incorrect
25B	Collect Valuation Charge	COL0025	Invalid or missing CC detail – valuation charge

AWB Ref column	Description	Error Code	Description
25B	Collect Valuation Charge	COL1025	Collect charge summary details - valuation charge - charge
			amount incorrect
26A	Prepaid Tax	PPD0030	Invalid or missing prepaid charge details – tax charge
26A	Prepaid Tax	PPD1030	Prepaid charge summary details - taxes - charge amount incorrect
26B	Collect Tax	COL0030	Invalid or missing collect charge details – tax
26B	Collect Tax	COL1030	Collect charge summary details - taxes - charge amount
			incorrect
27A	Total Other Prepaid Charges Due Agent	PPD0035	Invalid or missing PP detail – total other charge due agent
27A	Total Other Prepaid Charges Due Agent	PPD1035	Prepaid charge summary details - totals other charges due agent -
			charge amount incorrect
27B	Total Other Collect Charge Due Agent	COL0035	Invalid or missing CC detail – total other charge due agent
27B	Total Other Collect Charge Due Agent	COL1035	Collect charge summary details - totals other charges due
			agent - charge amount incorrect
28A	Total Other Prepaid Charges Due Carrier	PPD0040	Invalid or missing PP details – total other charge due carrier
28A	Total Other Prepaid Charges Due Carrier	PPD1040	Prepaid charge summary details -total other charges due carrier -
			charge amount incorrect
28B	Total Other Collect Charge Due Carrier	COL0040	Invalid or missing CC detail – total other charge due carrier
28B	Total Other Collect Charge Due Carrier	COL1040	Collect charge summary details - total other charges due carrier
			- charge amount incorrect
30A	Total Other Prepaid Charges –Total Prepaid	PPD0045	Invalid or missing PP summary – total charge amount
30A	Total Other Prepaid Charges –Total Prepaid	PPD1045	Prepaid charge summary details - charges summary total - charge
			amount incorrect
30B	Total Other Collect Charge – Total Collect	COL0045	Invalid or missing CC summary – total charge amount
30B	Total Other Collect Charge – Total Collect	COL1045	Collect charge summary details - charges summary total -
			charge amount incorrect
31	Shipper Signature	CER0015	Invalid or missing shippers certification details –signature
31	Shipper Signature	CER1010	Shippers certification details incorrect
32A	Carrier's Execution	ISU0015	Invalid or missing carriers execution details – AWB issue details – day
32A	Carrier's Execution	ISU0020	Invalid or missing carriers execution details – AWB issue details –
			month
32A	Carrier's Execution	ISU0020	Invalid or missing carriers execution details - AWB issue details - year
32A	Carrier's Execution	ISU1010	Carriers execution details incorrect
32B	Carrier's Execution	ISU0030	Invalid or missing carriers execution details - AWB issue details - place
			or airport/city code
32B	Carrier's Execution	ISU1030	Carriers Execution details - AWB issue details - place or airport/city
			code incorrect
	·	· · · · · · · · · · · · · · · · · · ·	·

AWB Ref column	Description	Error Code	Description
33B	CC Charges in Destination Currency	CDC0025	Invalid or missing CC charges in destination currency
			details - CC charges in destination currency - charge amount
32C	Carrier's Execution	ISU0035	Invalid or missing carriers execution details - authorisation - signature
32C	Carrier's Execution	ISU1035	Carriers Execution details - Authorisation – signature incorrect
33C	CC Charges in Destination Currency	CDC0030	Invalid or missing CC charges in destination currency details - charges at
			destination - charge amount
33D	CC Charges in Destination Currency	CDC0035	Invalid or missing CC charges in destination currency details - total
			collect charges - charge amount

## **Checklist for FWB/FHL Messaging (for freight forwarders):**

## FWB and FHL messaging checklist

Following checklist contains all necessary data that is required for the proper transmission and handling of FWB and FHL messages.

Messages:

FWB: Message containing the (master) air waybill data

Version required: 9 or up

FHL: Message containing the house air waybill data

Version required: 2,3 or 4

## **FWB**

FWB information	Required
AWB Consignment Details	AWB number (Airline Prefix + AWB Serial Number)     Airport/City Code at Origin - 3 characters     Airport/City Code at Destination — 3 characters     Total Number of pieces - 4 characters (max 5)     Total Weight in kg - 7 characters (incl. decimal position)
Flight Bookings	Carrier Code - 2 characters     Flight Number - 5 characters     Day - 2 characters  In case of multiple bookings repeat 1 till 3.
Routing	Airport/City Code - 3 characters     Carrier Code - 2 characters  In case of multiple legs repeat 1 and 2
Name and Address of Shipper & Consignee	1. Name - 35 characters 2. Street Address - 35 characters 3. Place - 17 characters 4. State/Province - 9 characters (optional, mandatory for US and CA) 5. Postal Code - 9 characters (optional, mandatory for US and CA) 6. Contact Identifier - 3 characters (optional*) 7. Contact Number - 25 characters (optional*) 8. country - 2 characters  * Contact Identifier/Contact Number can't be used separately. Both have to be filled out or be left blank.  * Please note the maximum character availability per line*
Agent's IATA Code	7 digits of IATA Agent Code + 4 digits of CASS Address

Issuing Carrier's Agent Name and City	Name - 35 characters Place - 17 characters
Accounting Information (Total space availability is 204 characters)	Free text (max 7 lines)
Charge Declarations	1. Currency Code - 3 characters 2. P/C Indicator for Weight/Valuation 3. P/C Indicator for Other Charges 4. Declared Value for Carriage - 12 characters or NVD 5. Declared Value for Customs - 12 characters or NCV 6. Amount of Insurance - XXX
Handling Information (SSR line and OSI line) (Total space available for SSR and OSI lines, including Also Notify, are 216 characters)	Free text for Special Service Request and Other Service Information
Rate Descriptions	1. AWB Rate Line Number - 2 characters 2. Number of Pieces or Rate Combination Point - 5 characters 3. Weight Code in kg 4. Weight - 7 characters 5. Rate Class Code - 1 character 6. Commodity Item Number Details or Rate Class Code (Basis) Class Rate% 7. Chargeable Weight - 7 characters (incl. decimal point) 8. Rate or Charge - 8 characters 9. Total Charge - 12 characters
Nature and Quantity of Goods	Input Goods description first (must be accurate and specific)     Dimension or the total volume     SLAC if any (e.g. SLAC-10)
Other Charges	Only IATA approved Other Charge Codes may be used according to TACT Rule 6.2.19
Shipper's Certification	Input Name of Shipper or its agent
Carrier's Execution	Input Date, Place and Signature of Issuing Carrier or its Agent
Special Handling Details (Available for FWB v.9 and up)	Special Handling Code - 3 characters  Up to 9 SPH's can be inserted

## FHL

FHL Information		Required		
	Master AWB Consignment Details	AWB number (Airline Prefix + AWB Serial Number)     Airport/City Code at Origin - 3 characters     Airport/City Code at Destination - 3 characters     Total Number of pieces - 4 characters     Total Weight in kg - 7 characters		
	House Waybill Summary Details	1. House Waybill Serial Number - 12 characters 2. Airport/City Code at Origin - 3 characters 3. Airport/City Code at Destination - 3 Characters 4. Number of Pieces - 4 characters 5. Weight - 7 characters 6. Description of Goods - 15 characters		
	Free Text Description of Goods (Total of 65 characters x 8 lines)	Description of Goods when exceeding 15 characters     Any remark or additional information of the goods can be used		
	Name and Address of Shipper & Consignee	1. Name - 35 characters 2. Street Address - 35 characters 3. Place - 17 characters 4. State/Province - 9 characters 5. Postal Code - 9 characters 6. Contact Identifier - 3 characters (optional*) 7. Contact Number - 25 characters (optional*) 8. Countrycode – 2 characters  * Contact Identifier/Contact Number can't be used separately. Both have to be filled out or be left blank.  Please note the maximum character availability per line		
	Charge Declarations	1. Currency Code - 3 characters 2. Prepaid of Collect indicator for Weight/Valuation 3. Prepaid of Collect indicator for Other Charges 4. Declared Value for Carriage - 12 characters or NVD 5. Declared Value for Customs - 12 characters or NCV 6. Amount of Insurance - 11 characters or XXX		
Note for Consolidated shipments:  1. House Waybill Goods Description must not be specified as "consolidation"  2. The "Total Number of Pieces"-count on the House Waybill must be matched with Master Air Waybill (SLAC) Pieces-count.  3. House Waybill Consignee should be the ultimate consignee				

## 8. Revision record

Version	Date	Updated by	Changes made
V1.0	2014/02/01	David Tseng	Original version
V2.O	2015/01/01	David Tseng	Page 5 eAWB cargo types added special cargo & process
V2.O	2015/01/01	David Tseng	Page 9 "Precautions:" added special cargo additional
			request should be declared in FWB
V2.O	2015/01/01	David Tseng	Page 18
			SSR line:
			Example 1: added "(Live animals special request
			declaration) "title.
			Example2: added "(Non-Dangerous goods declaration)"
			title.
			OSI line:
			Example added " (Dangerous goods declaration)" title.
V3.O	2015/11/01	David Tseng	Page 5 eAWB Scope changed and added eAWB single
			process & exceptions .