

**MEMORANDUM OF UNDERSTANDING
CONCERNING THE EXCHANGE OF
AERONAUTICAL INFORMATION
BETWEEN
NATIONAL GEOSPATIAL-INTELLIGENCE AGENCY
DEPARTMENT OF DEFENSE
UNITED STATES OF AMERICA
AND
CIVIL AVIATION AUTHORITY
OF
NEW ZEALAND**

1. PURPOSE: This Memorandum of Understanding (MOU) documents plans for the exchange of aeronautical information publications and Notices to Airmen (NOTAMs) produced by the National Geospatial-Intelligence Agency (NGA) of the Department of Defense of the United States of America and the Civil Aviation Authority of New Zealand (CAA). The Parties do not intend, by this MOU, to be bound by international law.

2. MATERIALS TO BE EXCHANGED:

a. NGA provides to CAA the items listed in Appendix I, with all future amendments and revisions thereto, on a non-reimbursable basis.

b. CAA, or Airways New Zealand (ANZ) currently contracted by CAA to publish aeronautical information, provides to NGA the items listed in Appendix II, with all future amendments and revisions thereto, on a non-reimbursable basis.

3. OPERATION OF EXCHANGE:

a. The materials and/or information specified in paragraph 2. above, will be shipped directly to the addressees listed in Appendixes I and II in the quantities specified.

b. The method of shipment will be as specified in Appendixes I and II.

c. The cost of shipping the materials involved in this exchange will be sustained by the originating agency.

d. Each organization will automatically notify the other when an item exchanged on a recurring basis is discontinued or a similar item is initiated.

e. The normal channel of communication for matters concerning this exchange between NGA, CAA and ANZ will use the following contact information:

For NGA:

National Geospatial-Intelligence Agency (NGA)
Aeronautical Services Office/ L-27
Attn: Asia-Pacific Representative
3838 Vogel Road
Arnold, MO 63010-6238, USA
Telephone: (314) 263-8067
Fax: (314) 263-4997
Email: aso@nga.mil

For CAA:

Civil Aviation Authority
Manager, Aeronautical Services
Aviation House
10 Hutt Road
Petone 5012 New Zealand
Telephone: 011-64-4-560-9429
Fax: 011-64-4-569-2024
Email: hoskind@caa.govt.nz

For ANZ:

Airways New Zealand Ltd.
Manager, Aeronautical Information Management
100 Willis Street, Level 26
Wellington 6011, New Zealand
Telephone: 011-64-4-4711-899
Fax: 011-64-4-4715-813
Email: aim@airways.co.nz

4. USE OF COPYRIGHTED MATERIAL:

a. The aeronautical products, data, publications and related materials exchanged under this MOU may be used for government and defense purposes. The aeronautical products, data, publications and related materials exchanged under this MOU may not be used by the Parties for any commercial purposes or transferred to any Third Party (including States) for commercial purposes.

b. The aeronautical products, data, publications and related materials exchanged under this MOU that have been granted copyright protection by the originating Party may be made available to other States for the purpose of safety of aviation on the condition that the receiving State is made aware that the material is copyright protected and that the material is appropriately annotated that it is subject to copyright by the originating Party.

5. DISTRIBUTION OF OTHER MATERIALS:

Distribution or exchange of other aeronautical materials (i.e., materials not described in the Appendices or produced by either Party) will be approved on an individual request basis at the discretion of the requested Party.

6. ALTERING OR TERMINATING PROCEDURE:

a. Modifications to this MOU, including Appendices, will be mutually approved and may be effected by an exchange of letters or other written means.

b. Either organization may withdraw from this arrangement at any time upon written notification to the other.

7. EFFECTIVE DATE AND TERMINATING DATE:

This MOU becomes effective immediately upon the date of the last signature and will remain in effect so long as neither organization chooses to withdraw under the terms of paragraph 6 above.

8. SIGNATURES

IN WITNESS WHEREOF, the undersigned, being duly authorized, have signed this MOU, prepared in duplicate, in the English language, duly signed and exchanged between the Parties.

FOR THE NATIONAL GEOSPATIAL-
INTELLIGENCE AGENCY
DEPARTMENT OF DEFENSE
UNITED STATES OF AMERICA

FOR THE CIVIL AVIATION AUTHORITY
OF
NEW ZEALAND



DAWN R. EILENBERGER
Director
Office of International Affairs and Policy
National Geospatial-Intelligence Agency

16 October 2007
Date

Bethesda MD USA
Location



STEVE DOUGLAS
Director of Civil Aviation
Civil Aviation Authority

23 October 2007
Date

Xi'an, China
Location

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APPENDIX I

The National Geospatial-Intelligence Agency (NGA) will furnish to the Civil Aviation Authority of New Zealand (CAA) the following Flight Information Publications (FLIP) as soon as they are published. Appropriate quantities are identified below by columns for each addressee listed under Shipping Instructions of this Appendix. Amendments and/or new editions will be supplied in like quantities on an automatic basis.

U.S. DEPARTMENT OF DEFENSE FLIP PRODUCTS

| <u>TITLE</u> | <u>QUANTITY</u> | | |
|---|--------------------------|-----------------|-----------------|
| | <u>ADDRESSEE:</u> | <u>A</u> | <u>B</u> |
| PLANNING | | | |
| <u>General Planning</u> | | 1 | 1 |
| Planning Change Notice (PCN) | | 1 | 1 |
| <u>Area Planning AP/3</u> | | 1 | 1 |
| PCN 1 & 2 | | 1 | 1 |
| PACIFIC / AUSTRALASIA / ANTARCTICA (PAA) | | | |
| Enroute Charts 1-20, A1/A2 | | 1 | 1 |
| <u>Enroute Supplement</u> | | 1 | 1 |
| Enroute Change Notice (ECN) | | 1 | 1 |
| Terminal IAP Vol. 1-3 | | 1 | 1 |
| Terminal Change Notice (TCN) 1 & 2 | | 1 | 1 |
| FLIGHT INFORMATION HANDBOOK (FIH) | | 1 | 1 |
| FLIGHT INFORMATION PUBLICATION DVD | | 1 | 1 |

U.S. DEPARTMENT OF DEFENSE GEOSPATIAL PRODUCTS

Automatic distribution of U.S. Department of Defense Geospatial Products of Scale 1:500,000 and smaller, which included Global Navigation Charts (GNCs), Jet Navigation Charts (JNCs), Operational Navigation Charts (ONCs), and Tactical Pilotage Charts (TPCs) has been discontinued. These charts no longer have an established update and print schedule. Copies may be requested from the NGA Aeronautical Service Office. The requested charts will be provided on a case-by-case basis at the discretion of NGA. A list of the charts formerly provided to ANZ via auto distribution is provided below.

GLOBAL NAVIGATION CHARTS (GNC) - SCALE 1:5,000,000

| | | |
|----|----|----|
| 14 | 20 | 21 |
|----|----|----|

JET NAVIGATION CHARTS (JNC) – SCALE 1: 2,000,000

| | | | |
|-----|-----|-----|-----|
| 087 | 088 | 100 | 101 |
|-----|-----|-----|-----|

OPERATIONAL NAVIGATION CHART (ONC)-SCALE 1:1,000,000:

| | | | |
|-----|-----|-----|-----|
| H10 | H11 | H12 | J09 |
| J10 | J11 | J12 | J19 |
| K08 | K09 | K10 | K11 |
| L12 | P16 | | |

TACTICAL PILOTAGE CHARTS (TPC) - SCALE 1:500,000:

| | | | |
|------|------|------|------|
| H10A | H10B | H10C | H10D |
| H11A | H11B | H11C | H11D |
| H12A | H12B | H12C | H12D |
| J09B | J09C | J09D | |
| J10A | J10B | J10C | J10D |
| J11A | J11B | J11C | J11D |
| J12A | J12B | J12C | |
| J19C | | | |
| K09A | K09B | K09C | K09D |
| K10A | K10B | K10C | K10D |
| K11B | K11C | K11D | |
| L12A | L12B | L12C | L12D |
| P16A | P16B | P16C | P16D |

SHIPPING INSTRUCTIONS

The products listed in Appendix I will be shipped via **AIRMAIL** to:

ADDRESSEE A:

(ACCOUNT NO. HM 1642)

Civil Aviation Authority
Manager, Aeronautical Services
PO Box 31-441
Lower Hutt 5040
New Zealand

ADDRESSEE B:

(ACCOUNT NO. HM 1644)

Aeronautical Information Management
Airways Corporation of New Zealand, Ltd
PO Box 294
Wellington 6140
New Zealand

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APPENDIX II

The Civil Aviation Authority (CAA) will furnish or have ANZ furnish to the National Geospatial-Intelligence Agency (NGA) the following products as soon as published. Appropriate quantities are identified below by column for each addressee listed under Shipping Instructions of this Appendix. Amendments and/or new editions, including binders and inserts, will be provided on an automatic basis.

NEW ZEALAND AERONAUTICAL INFORMATION PUBLICATIONS

| <u>TITLE</u> | <u>ADDRESSEE:</u> | <u>QUANTITY</u> | |
|--|--------------------------|------------------------|-----------------|
| | | <u>A</u> | <u>B</u> |
| AIP (Volumes 1 thru 4, with Binders) | | 1 | 1 |
| AIP Amendments | | 1 | 1 |
| AIP Supplements | | 1 | 1 |
| Aeronautical Information Circulars | | 1 | 1 |
| Pacific AIP | | 1 | 1 |
| AIP Supplement Pacific | | 1 | 1 |
| Enroute charts NZ-ERC 2/3 | | 1 | 1 |
| CIVIL AVIATION RULES (CARs) - at www.caa.govt.nz website | | | |
| AERODROME OBSTRUCTION CHARTS | | 1 | 1 |
| ICAO Type A, New Zealand and Pacific (AIP MAP Section). (Where available, charts may be supplied in digital format) | | | |

SHIPPING INSTRUCTIONS

1. The products listed in Appendix II, i.e. AIP Amendments, AIP Supplements and AICs; if available in electronic format, will be emailed to flip@nga.mil and nga.aero@hickam.af.mil as soon as published.
2. Printed products and CD/DVD media will be shipped via **AIRMAIL** to:

ADDRESSEE A

National Geospatial-Intelligence Agency
Aeronautical Services Office (MS L-27)
3838 Vogel Road
Arnold, MO 63010-6238
United States of America

ADDRESSEE B

National Geospatial-Intelligence Agency
Aeronautical Office Asia/Pacific
900 Hangar Ave., Hangar 4
Hickam AFB, HI 96853-5246
United States of America