



RETURN BIDS TO:
RETOURNER LES SOUMISSIONS À:
**Bid Receiving Public Works and Government
Services Canada/Réception des soumissions
Travaux publics et Services gouvernementaux
Canada**
Room 100,
167 Lombard Ave.
Winnipeg
Manitoba
R3B 0T6
Bid Fax: (204) 983-0338

**REQUEST FOR PROPOSAL
DEMANDE DE PROPOSITION**

**Proposal To: Public Works and Government
Services Canada**

We hereby offer to sell to Her Majesty the Queen in right of Canada, in accordance with the terms and conditions set out herein, referred to herein or attached hereto, the goods, services, and construction listed herein and on any attached sheets at the price(s) set out therefor.

**Proposition aux: Travaux Publics et Services
Gouvernementaux Canada**

Nous offrons par la présente de vendre à Sa Majesté la Reine du chef du Canada, aux conditions énoncées ou incluses par référence dans la présente et aux annexes ci-jointes, les biens, services et construction énumérés ici sur toute feuille ci-annexée, au(x) prix indiqué(s).

Comments - Commentaires

Title - Sujet CT-142 Dash-8 Periodic Inspection	
Solicitation No. - N° de l'invitation W7006-17P806/A	Date 2017-07-04
Client Reference No. - N° de référence du client W7006-17P806	
GETS Reference No. - N° de référence de SEAG PW-\$WPG-119-10266	
File No. - N° de dossier WPG-7-40029 (119)	CCC No./N° CCC - FMS No./N° VME
Solicitation Closes - L'invitation prend fin at - à 02:00 PM on - le 2017-07-25	
Time Zone Fuseau horaire Central Daylight Saving Time CDT	
F.O.B. - F.A.B. Plant-Usine: <input type="checkbox"/> Destination: <input type="checkbox"/> Other-Autre: <input type="checkbox"/>	
Address Enquiries to: - Adresser toutes questions à: Zdan, Tyler	Buyer Id - Id de l'acheteur wpg119
Telephone No. - N° de téléphone (204) 509-5743 ()	FAX No. - N° de FAX (204) 983-7796
Destination - of Goods, Services, and Construction: Destination - des biens, services et construction: DEPARTMENT OF NATIONAL DEFENCE 17 WING WINIPEG, 715 WIHURI ROAD BLDG 129, MDC WINNIPEG MB R3J 3Y5 Canada	

Instructions: See Herein

Instructions: Voir aux présentes

Vendor/Firm Name and Address

**Raison sociale et adresse du
fournisseur/de l'entrepreneur**

Issuing Office - Bureau de distribution

Public Works and Government Services Canada - Western
Region
Room 100
167 Lombard Ave.
Winnipeg
Manitoba
R3B 0T6

Delivery Required - Livraison exigée See Herein	Delivery Offered - Livraison proposée
Vendor/Firm Name and Address Raison sociale et adresse du fournisseur/de l'entrepreneur	
Telephone No. - N° de téléphone Facsimile No. - N° de télécopieur	
Name and title of person authorized to sign on behalf of Vendor/Firm (type or print) Nom et titre de la personne autorisée à signer au nom du fournisseur/ de l'entrepreneur (taper ou écrire en caractères d'imprimerie)	
Signature	Date

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W7006-17P806
Client Ref. No. - N° de réf. du client

Amd. No. - N° de la modif.
File No. - N° du dossier
W7006-17P806

Buyer ID - Id de l'acheteur
wpg119
CCC No./N° CCC - FMS No./N° VME

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PART 1 - GENERAL INFORMATION

1.1 Statement of Work

The Department of National Defence (DND) has a requirement for an out-of-cycle inspection for one (1) of its fleet of four (4) CT-142 Dash-8 aircraft operated by 402 Squadron at 17 Wing Winnipeg. The inspection is to be performed on aircraft CT-142-806 and must be equivalent to Civilian 'A' and 'C' checks. The work to be performed must commence by September 11, 2017. The inspection, and any resulting repair and/or overhaul work, is described in full at Annex A: Statement of Work.

1.1.1 Controlled Goods

This procurement is subject to the Controlled Goods Program. The Defence Production Act defines Canadian Controlled Goods as certain goods listed in Canada's Export Control List, a regulation made pursuant to the Export and Import Permits Act (EIPA).

1.2 Debriefings

Bidders may request a debriefing on the results of the bid solicitation process. Bidders should make the request to the Contracting Authority within 15 working days from receipt of the results of the bid solicitation process. The debriefing may be in writing, by telephone or in person.

1.3 Trade Agreements

The requirement is subject to the provisions of the World Trade Organization Agreement on Government Procurement (WTO-AGP), the North American Free Trade Agreement (NAFTA), and the Agreement on Internal Trade (AIT).

PART 2 - BIDDER INSTRUCTIONS

2.1 Standard Instructions, Clauses and Conditions

All instructions, clauses and conditions identified in the bid solicitation by number, date and title are set out in the Standard Acquisition Clauses and Conditions Manual (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

Bidders who submit a bid agree to be bound by the instructions, clauses and conditions of the bid solicitation and accept the clauses and conditions of the resulting contract.

The 2003 (2017-04-27), Standard Instructions - Goods or Services - Competitive Requirements, are incorporated by reference into and form part of the bid solicitation.

Subsection 5.4 of 2003, Standard Instructions - Goods or Services - Competitive Requirements, is amended as follows:

2.2 Submission of Bids

Bids must be submitted only to Public Works and Government Services Canada (PWGSC) Bid Receiving Unit by the date, time and place indicated on page 1 of the bid solicitation.

Due to the nature of the bid solicitation, bids transmitted by facsimile to PWGSC will not be accepted.

2.3 Former Public Servant

Contracts awarded to former public servants (FPS) in receipt of a pension or of a lump sum payment must bear the closest public scrutiny, and reflect fairness in the spending of public funds. In order to comply with Treasury Board policies and directives on contracts awarded to FPSs, Bidders must provide the information required below before contract award. If the answer to the questions and, as applicable the information required have not been received by the time the evaluation of bids is completed, Canada will inform the Bidder of a time frame within which to provide the information. Failure to comply with Canada's request and meet the requirement within the prescribed time frame will render the bid non-responsive.

Definitions

For the purposes of this clause, "former public servant" is any former member of a department as defined in the *Financial Administration Act*, R.S., 1985, c. F-11, a former member of the Canadian Armed Forces or a former member of the Royal Canadian Mounted Police. A former public servant may be:

- (a) an individual;
- (b) an individual who has incorporated;
- (c) a partnership made of former public servants; or
- (d) a sole proprietorship or entity where the affected individual has a controlling or major interest in the entity.

"lump sum payment period" means the period measured in weeks of salary, for which payment has been made to facilitate the transition to retirement or to other employment as a result of the implementation of various programs to reduce the size of the Public Service. The lump sum payment period does not include the period of severance pay, which is measured in a like manner

"pension" means a pension or annual allowance paid under the *Public Service Superannuation Act* (PSSA), R.S., 1985, c. P-36, and any increases paid pursuant to the *Supplementary Retirement Benefits Act*, R.S., 1985, c. S-24 as it affects the PSSA. It does not include pensions payable pursuant to the *Canadian Forces Superannuation Act*, R.S., 1985, c. C-17, the *Defence Services Pension Continuation Act*, 1970, c. D-3, the *Royal Canadian Mounted Police Pension Continuation Act*, 1970, c. R-10, and the *Royal Canadian Mounted Police Superannuation Act*, R.S., 1985, c. R-11, the *Members of Parliament Retiring Allowances Act*, R.S. 1985, c. M-5, and that portion of pension payable to the *Canada Pension Plan Act*, R.S., 1985, c. C-8.

Former Public Servant in Receipt of a Pension

As per the above definitions, is the Bidder a FPS in receipt of a pension? **Yes () No ()**

If so, the Bidder must provide the following information, for all FPSs in receipt of a pension, as applicable:

- (a) name of former public servant;
- (b) date of termination of employment or retirement from the Public Service.

By providing this information, Bidders agree that the successful Bidder's status, with respect to being a former public servant in receipt of a pension, will be reported on departmental websites as part of the published proactive disclosure reports in accordance with Contracting Policy Notice: 2012-2 and the Guidelines on the Proactive Disclosure of Contracts.

Work Force Adjustment Directive

Is the Bidder a FPS who received a lump sum payment pursuant to the terms of the Work Force Adjustment Directive? **Yes () No ()**

If so, the Bidder must provide the following information:

- (a) name of former public servant;
- (b) conditions of the lump sum payment incentive;
- (c) date of termination of employment;
- (d) amount of lump sum payment;
- (e) rate of pay on which lump sum payment is based;
- (f) period of lump sum payment including start date, end date and number of weeks;
- (g) number and amount (professional fees) of other contracts subject to the restrictions of a work force adjustment program.

For all contracts awarded during the lump sum payment period, the total amount of fees that may be paid to a FPS who received a lump sum payment is \$5,000, including Applicable Taxes.

2.4 Enquiries - Bid Solicitation

All enquiries must be submitted in writing to the Contracting Authority no later than ten (10) calendar days before the bid closing date. Enquiries received after that time may not be answered.

Bidders should reference as accurately as possible the numbered item of the bid solicitation to which the enquiry relates. Care should be taken by Bidders to explain each question in sufficient detail in order to enable Canada to provide an accurate answer. Technical enquiries that are of a proprietary nature must be clearly marked "proprietary" at each relevant item. Items identified as "proprietary" will be treated as such except where Canada determines that the enquiry is not of a proprietary nature. Canada may edit the question(s) or may request that the Bidder do so, so that the proprietary nature of the question(s) is eliminated, and the enquiry can be answered to all Bidders. Enquiries not submitted in a form that can be

distributed to all Bidders may not be answered by Canada.

2.5 Applicable Laws

Any resulting contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Manitoba.

Bidders may, at their discretion, substitute the applicable laws of a Canadian province or territory of their choice without affecting the validity of their bid, by deleting the name of the Canadian province or territory specified and inserting the name of the Canadian province or territory of their choice. If no change is made, it acknowledges that the applicable laws specified are acceptable to the Bidders.

2.6 Improvement of Requirement During Solicitation Period

Should bidders consider that the specifications or Statement of Work contained in the bid solicitation could be improved technically or technologically, bidders are invited to make suggestions, in writing, to the Contracting Authority named in the bid solicitation. Bidders must clearly outline the suggested improvement as well as the reason for the suggestion. Suggestions that do not restrict the level of competition nor favour a particular bidder will be given consideration provided they are submitted to the Contracting Authority at least ten (10) calendar days before the bid closing date. Canada will have the right to accept or reject any or all suggestions.

PART 3 - BID PREPARATION INSTRUCTIONS

3.1 Bid Preparation Instructions

Canada requests that Bidders provide their bid in separately bound sections as follows:

Section I: Technical Bid (1 hard copy)

Section II: Financial Bid (1 hard copy)

Section III: Certifications (1 hard copy)

Prices must appear in the financial bid only. No prices must be indicated in any other section of the bid.

Canada requests that Bidders follow the format instructions described below in the preparation of their bid:

(a) use 8.5 x 11 inch (216 mm x 279 mm) paper;

(b) use a numbering system that corresponds to the bid solicitation.

In April 2006, Canada issued a policy directing federal departments and agencies to take the necessary steps to incorporate environmental considerations into the procurement process [Policy on Green Procurement](http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html) (<http://www.tpsgc-pwgsc.gc.ca/ecologisation-greening/achats-procurement/politique-policy-eng.html>). To assist Canada in reaching its objectives, Bidders should:

- 1) use 8.5 x 11 inch (216 mm x 279 mm) paper containing fibre certified as originating from a sustainably-managed forest and containing minimum 30% recycled content; and
- 2) use an environmentally-preferable format including black and white printing instead of colour printing, printing double sided/duplex, using staples or clips instead of cerlox, duotangs or binders.

Section I: Technical Bid

In their technical bid, Bidders should explain and demonstrate how they propose to meet the requirements and how they will carry out the Work.

Section II: Financial Bid

Bidders must submit their financial bid in accordance with the Basis of Payment. The total amount of Applicable Taxes must be shown separately.

3.1.1 Electronic Payment of Invoices – Bid

If you are willing to accept payment of invoices by Electronic Payment Instruments, complete Annex C Electronic Payment Instruments, to identify which ones are accepted.

If Annex C Electronic Payment Instruments is not completed, it will be considered as if Electronic Payment Instruments are not being accepted for payment of invoices.

Acceptance of Electronic Payment Instruments will not be considered as an evaluation criterion.

3.1.2 Exchange Rate Fluctuation

[C3011T](#) (2013-11-06), Exchange Rate Fluctuation

3.1.3 List of Proposed Subcontractors

[A7035T](#) (2007-05-25), List of Proposed Subcontractors

Section III: Certifications

Bidders must submit the certifications and additional information required under Part 5.

PART 4 - EVALUATION PROCEDURES AND BASIS OF SELECTION

4.1 Evaluation Procedures

- (a) Bids will be assessed in accordance with the entire requirement of the bid solicitation including the technical and financial evaluation criteria.
- (b) An evaluation team composed of representatives of Canada will evaluate the bids.

4.1.1 Technical Evaluation

4.1.1.1 Mandatory Technical Criteria

This requirement includes mandatory technical evaluation criteria. See Appendix 2 of Annex A.

4.1.1.2 Point Rated Technical Criteria

This requirement includes point-rated technical evaluation criteria. See Appendix 2 of Annex A.

4.1.2 Financial Evaluation

SACC Manual Clause A0220T (2014-06-26), Evaluation of Price

4.2 Basis of Selection

4.2.1 Basis of Selection – Highest Combined Rating of Technical Merit and Price

- 1) To be declared responsive, a bid must:
 - (a) comply with all the requirements of the bid solicitation; and
 - (b) meet all mandatory criteria; and
 - (c) obtain the required minimum of 150 points overall for the technical evaluation criteria which are subject to point rating. The rating is performed on a scale of 200 points.
- 2) Bids not meeting (a) or (b) or (c) will be declared non-responsive.
- 3) The selection will be based on the highest responsive combined rating of technical merit and price. The ratio will be 60% for the technical merit and 40% for the price.
- 4) To establish the technical merit score, the overall technical score for each responsive bid will be determined as follows: total number of points obtained / maximum number of points available multiplied by the ratio of 60%.
- 5) To establish the pricing score, each responsive bid will be prorated against the lowest evaluated price and the ratio of 40%.

- 6) For each responsive bid, the technical merit score and the pricing score will be added to determine its combined rating.
- 7) Neither the responsive bid obtaining the highest technical score nor the one with the lowest evaluated price will necessarily be accepted. The responsive bid with the highest combined rating of technical merit and price will be recommended for award of a contract.

EXAMPLE: The table below illustrates an example where all three bids are responsive and the selection of the Contractor is determined by a 60/40 ratio of technical merit and price, respectively. The total available points equals 135 and the lowest evaluated price is \$45,000 (45).

Basis of Selection - Highest Combined Rating Technical Merit (60%) and Price (40%)

		Bidder 1	Bidder 2	Bidder 3
Overall Technical Score		115/135	89/135	92/135
Bid Evaluated Price		\$55,000.00	\$50,000.00	\$45,000.00
Calculations	Technical Merit Score	115/135 x 60 = 51.11	89/135 x 60 = 39.56	92/135 x 60 = 40.89
	Pricing Score	45/55 x 40 = 32.73	45/50 x 40 = 36.00	45/45 x 40 = 40.00
Combined Rating		83.84	75.56	80.89
Overall Rating		1st	3rd	2nd

PART 5 – CERTIFICATIONS AND ADDITIONAL INFORMATION

Bidders must provide the required certifications and additional information to be awarded a contract.

The certifications provided by Bidders to Canada are subject to verification by Canada at all times. Unless specified otherwise, Canada will declare a bid non-responsive, or will declare a Contractor in default if any certification made by the Bidder is found to be untrue whether made knowingly or unknowingly, during the bid evaluation period or during the contract period.

The Contracting Authority will have the right to ask for additional information to verify the Bidder's certifications. Failure to comply and to cooperate with any request or requirement imposed by the Contracting Authority will render the bid non-responsive or constitute a default under the Contract.

5.1 Certifications Required with the Bid

Bidders must submit the following duly completed certifications as part of their bid.

5.1.1 Integrity Provisions - Declaration of Convicted Offences

In accordance with the *Ineligibility and Suspension Policy* (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide with its bid the required documentation, as applicable, to be given further consideration in the procurement process.

5.2 Certifications Precedent to Contract Award and Additional Information

The certifications and additional information listed below should be submitted with the bid, but may be submitted afterwards. If any of these required certifications or additional information is not completed and submitted as requested, the Contracting Authority will inform the Bidder of a time frame within which to provide the information. Failure to provide the certifications or the additional information listed below within the time frame provided will render the bid non-responsive.

5.2.1 Integrity Provisions – Required Documentation

In accordance with the *Ineligibility and Suspension Policy* (<http://www.tpsgc-pwgsc.gc.ca/ci-if/politique-policy-eng.html>), the Bidder must provide the required documentation, as applicable, to be given further consideration in the procurement process.

5.2.2 Federal Contractors Program for Employment Equity - Bid Certification

By submitting a bid, the Bidder certifies that the Bidder, and any of the Bidder's members if the Bidder is a Joint Venture, is not named on the Federal Contractors Program (FCP) for employment equity "FCP Limited Eligibility to Bid" list available at the bottom of the page of the [Employment and Social Development Canada \(ESDC\) - Labour's website](http://www.esdc.gc.ca/en/jobs/workplace/human_rights/employment_equity/federal_Contractor_program.page?&_ga=1.229006812.1158694905.1413548969) (http://www.esdc.gc.ca/en/jobs/workplace/human_rights/employment_equity/federal_Contractor_program.page?&_ga=1.229006812.1158694905.1413548969). Canada will have the right to declare a bid non-responsive if the Bidder, or any member of the Bidder if the Bidder is a Joint Venture, appears on the "FCP Limited Eligibility to Bid" list at the time of contract award.

PART 6 - RESULTING CONTRACT CLAUSES

The following clauses and conditions apply to and form part of any contract resulting from the bid solicitation.

6.1 Security Requirements

6.1.1 There is no security requirement applicable to the Contract.

6.2 Statement of Work

The Contractor must perform the work described at Annex A: Statement of Work.

6.3 Task Authorization

The Work or a portion of the Work to be performed under the Contract will

be on an "as and when requested basis" using a Task Authorization (TA). The Work described in the TA must be in accordance with the scope of the Contract.

Task Authorization Process:

- 1) The Technical Authority will provide the Contractor with a description of the task using the DND 626, Task Authorization Form.
- 2) The Task Authorization (TA) will contain the details of the activities to be performed, a description of the deliverables, and a schedule indicating completion dates for the major activities or submission dates for the deliverables. The TA will also include the applicable basis (bases) and methods of payment as specified in the Contract.
- 3) The Contractor must provide the Technical Authority, within three (3) calendar days of its receipt, the proposed total estimated cost for performing the task and a breakdown of that cost, established in accordance with the Basis of Payment specified in the Contract.
- 4) The Contractor must not commence work until a TA authorized by the Technical Authority has been received by the Contractor. The Contractor acknowledges that any work performed before a TA has been received will be done at the Contractor's own risk.

6.3.1 Task Authorization – Department of National Defence

The administration of the Task Authorization process will be carried out by the applicable Department of National Defence designation. This process includes monitoring, controlling and reporting on expenditures of the contract with task authorizations to the Contracting Authority.

6.3.2 Task Authorization Limit

This section is to be completed upon contract award.

The Technical Authority may authorize individual task authorizations up to a limit of \$_____, Applicable Taxes included, inclusive of any revisions.

Any task authorization to be issued in excess of that limit must be authorized by the Technical Authority and Contracting Authority before issuance.

6.3.3 Canada's Obligation - Portion of the Work - Task Authorizations

Canada's obligation with respect to the portion of the Work under the Contract that is performed through task authorizations is limited to the total amount of the actual tasks performed by the Contractor.

6.4 Standard Clauses and Conditions

All clauses and conditions identified in the Contract by number, date and title are set out in the *Standard Acquisition Clauses and Conditions Manual* (<https://buyandsell.gc.ca/policy-and-guidelines/standard-acquisition-clauses-and-conditions-manual>) issued by Public Works and Government Services Canada.

6.4.1 General Conditions

2035C (2016-04-04), General Conditions - Higher Complexty - Services apply to and form part of the Contract.

6.5 Term of Contract

6.5.1 Period of the Contract

This section is to be completed upon contract award.

The period of the Contract is from date of Contract to _____ inclusive.

6.5.2 Delivery Points

Delivery of the requirement will be made to delivery point(s) specified at Annex A of the Contract.

6.6 Authorities

6.6.1 Contracting Authority

The Contracting Authority for the Contract is:

Name: Tyler Zdan
Title: Procurement Officer
Public Works and Government Services Canada
Procurement Services
Directorate: Western Region
Address: 100-167 Lombard Avenue, Winnipeg, MB, R3B 0T6
Telephone: (204) 509-5743
E-mail address: Tyler.Zdan@tpsgc-pwgsc.gc.ca

The Contracting Authority is responsible for the management of the Contract and any changes to the Contract must be authorized in writing by the Contracting Authority. The Contractor must not perform work in excess of or outside the scope of the Contract based on verbal or written requests or instructions from anybody other than the Contracting Authority.

6.6.2 Technical Authority

This section is to be completed upon contract award.

The Technical Authority named above is the representative of the department or agency for whom the Work is being carried out under the Contract and is responsible for all matters concerning the technical content of the Work under the Contract. Technical matters may be discussed with the Technical Authority, however the Technical Authority has no authority to authorize changes to the scope of the Work. Changes to the scope of the Work can only be made through a contract amendment issued by the Contracting Authority.

6.6.3 Contractor's Representative

Name: _____

Title: _____
Organization: _____
Address: _____
Telephone: _____
Facsimile: _____
E-mail address: _____

6.7 Proactive Disclosure of Contracts with Former Public Servants

By providing information on its status, with respect to being a former public servant in receipt of a Public Service Superannuation Act (PSSA) pension, the Contractor has agreed that this information will be reported on departmental websites as part of the published proactive disclosure reports, in accordance with Contracting Policy Notice: 2012-2 of the Treasury Board Secretariat of Canada.

6.8 Payment

6.8.1 Basis of Payment

The section is to be completed upon contract award.

For the Work described in the Statement of Work in Annex A:

In consideration of the Contractor satisfactorily completing all of its obligations under the Contract, the Contractor will be paid a firm price as specified in Annex A for a cost of \$_____. Customs duties are included and Applicable Taxes are extra.

Canada will not pay the Contractor for any design changes, modifications or interpretations of the Work, unless they have been approved, in writing, by the Contracting Authority before their incorporation into the Work.

6.8.2 Basis of Payment - Limitation of Expenditure - Task Authorizations

The Contractor will be reimbursed for the costs reasonably and properly incurred in the performance of the Work specified in the authorized Task Authorization (TA), as determined in accordance with the Basis of Payment in Annex B, to the limitation of expenditure specified in the authorized TA.

Canada's liability to the Contractor under the authorized TA must not exceed the limitation of expenditure specified in the authorized TA. Customs duties are insert included and Applicable Taxes are extra.

No increase in the liability of Canada or in the price of the Work specified in the authorized TA resulting from any design changes, modifications or interpretations of the Work will be authorized or paid to the Contractor unless these design changes, modifications or interpretations have been authorized, in writing, by the Contracting Authority before their incorporation into the Work.

6.8.2.1 SACC Manual Clauses

SACC *Manual* Clause A9117C (2007-11-30), T1204 – Direct Request by Customer Department
SACC *Manual* Clause C0710C (2007-11-30), Time and Contract Price Verification

6.8.3 Single Payment

SACC *Manual* Clause H1000C (2008-05-12), Single Payment

6.8.4 Electronic Payment of Invoices – Contract

The Contractor accepts to be paid using any of the following Electronic Payment Instrument(s):

- (a) Visa Acquisition Card;
- (b) MasterCard Acquisition Card;
- (c) Direct Deposit (Domestic and International);
- (d) Electronic Data Interchange (EDI);
- (e) Wire Transfer (International Only);
- (f) Large Value Transfer System (LVTS) (Over \$25M)

6.9 Invoicing Instructions

- 1) The Contractor must submit invoices in accordance with the section entitled "Invoice Submission" of the general conditions. Invoices cannot be submitted until all work identified in the invoice is completed.
- 2) Invoices must be distributed as follows:

The original and one (1) copy must be forwarded to the address shown on page 1 of the Contract for certification and payment.

6.10 Certifications and Additional Information

6.10.1 Compliance

Unless specified otherwise, the continuous compliance with the certifications provided by the Contractor in its bid or precedent to contract award, and the ongoing cooperation in providing additional information are conditions of the Contract and failure to comply will constitute the Contractor in default. Certifications are subject to verification by Canada during the entire period of the Contract.

6.11 Applicable Laws

The Contract must be interpreted and governed, and the relations between the parties determined, by the laws in force in Manitoba.

6.12 Priority of Documents

If there is a discrepancy between the wording of any documents that appear on the list, the wording of the document that first appears on the list has priority over the wording of any document that subsequently appears on the list.

- (a) the Articles of Agreement;
- (b) the general conditions 2035C (2016-04-04), General Conditions - Higher Complexity - Services;
- (c) Annex A, Statement of Work;
- (d) Annex B, Basis of Payment;
- (e) Annex D, Insurance Requirements;
- (f) the signed Task Authorizations (including all annexes, if any);
- (g) the Contractor's bid dated _____.

6.13 SACC Manual Clauses

SACC Manual Clause A9006C (2012-07-16), Defence Contract
SACC Manual Clause A9068C (2010-05-16), Canadian Forces Site Regulations
SACC Manual Clause A9131C (2014-11-27), Controlled Goods Program - Contract
SACC Manual Clause B1501C (2006-06-16), Electrical Equipment
SACC Manual Clause D5328C (2014-06-26), Inspection and Acceptance

6.14 Insurance – Specific Requirements

The Contractor must comply with the insurance requirements specified in Annex D. The Contractor must maintain the required insurance coverage for the duration of the Contract. Compliance with the insurance requirements does not release the Contractor from or reduce its liability under the Contract.

The Contractor is responsible for deciding if additional insurance coverage is necessary to fulfill its obligation under the Contract and to ensure compliance with any applicable law. Any additional insurance coverage is at the Contractor's expense, and for its own benefit and protection.

The Contractor must forward to the Contracting Authority within ten (10) days after the date of award of the Contract, a Certificate of Insurance evidencing the insurance coverage and confirming that the insurance policy complying with the requirements is in force. For Canadian-based Contractors, coverage must be placed with an Insurer licensed to carry out business in Canada, however, for Foreign-based Contractors, coverage must be placed with an Insurer with an A.M. Best rating no less than "A-". The Contractor must, if requested by the Contracting Authority, forward to Canada a certified true copy of all applicable insurance policies.

ANNEX A

STATEMENT OF WORK

PART 1 - SCOPE

1.1 Purpose

- 1.1.1 This Statement of Work (SOW) defines the requirements of the Department of National Defence (DND) and the Canadian Forces (CF) to establish a Contract for a one-time completion of a Periodic Inspection ("C" Check) for the CT-142 Dash-8 aircraft planned to begin on 11 September 2017.

1.2 Background

- 1.2.1 On behalf of the Department of National Defence (DND) and the Royal Canadian Air Force (RCAF), 402 Squadron operates a fleet of four (4) Dash-8 Series 102 Aircraft, designated as CT-142, based out of 17 Wing in Winnipeg, Manitoba. Due to operational tempo and recent changes to the Preventative Maintenance Program, 402 Squadron is realigning the aircraft stagger by having a CF Periodic Inspection, equivalent to a civilian "C" check, performed on aircraft CT-142-806 with work commencing prior to September 11, 2017. During this period, the aircraft will also be due for Airframe Supplemental 1 and 3 inspections, equivalent to civilian "A" checks at 500 and 1500 hours, which are to be carried out concurrently with the periodic inspection.

1.3 Terminology

- 1.3.1 The following abbreviations are used throughout this SOW:

AMO: Air Maintenance Organization
AWR: Additional Work Request
CF: Canadian Forces
CFTO: Canadian Forces Technical Order
CGD: Controlled Goods Directorate
CGP: Controlled Goods Program
DAS: DND Airworthiness Supplement
DND: Department of National Defence
MPM: Maintenance Process Manual
NDQAR: National Defence Quality Assurance Region
PSPC: Public Services and Procurement Canada
QAR: Quality Assurance Representative
QC: Quality Control
QMS: Quality Management System
RA: Requisitioning Authority
SOW: Statement of Work
TA: Technical Authority
TAA: Technical Airworthiness Authority
TAM: Technical Airworthiness Manual
TAT: Turn-Around-Time
TC: Transport Canada

PART 2 - APPLICABLE DOCUMENTS

2.1 Applicability

- 2.1.1 The following documents form part of this SOW to the extent specified herein, and are supportive of the SOW when referenced in Section 3.0 and beyond; all other document references are to be considered supplemental information only. Unless otherwise specified, the issue or amendment of documents effective for this SOW must be those in effect on the date of proposal submittal.

2.2 Military Standards

- C-12-142-000/NF-001: Maintenance Task Card Manual – Aircraft Periodic Inspection
- C-12-142-000/NV-001: Maintenance Task Card Manual – Aircraft Supplementary Inspection
- C-05-005-001/AG-001: Technical Airworthiness Manual
- C-05-005-P04/AM-001: Aircraft Maintenance Record Set
- C-05-005-P09/AM-001: Maintenance Program – Implementation – Support Activities
- C-12-142-000/MF-002: CT-142 Aircraft Maintenance Manual
- C-12-142-000/MY-002: CT-142 Aircraft Illustrated Parts Manual
- C-12-142-0000/NE-001: Volume 1 – Maintenance Program Manual – CT-142 Dash-8

PART 3 – REQUIREMENTS

3.1 Airworthiness Requirements

- 3.1.1 Airworthiness regulatory responsibility for the CT-142 has been delegated to the Technical Airworthiness Authority (TAA) by the Minister of National Defence, under the provisions of the Aeronautics Act. The work performed by the Contractor described within this SOW must be conducted under the authority of the DND airworthiness program (A-GA-005-000/AG-001). The point of contact for the CT-142 airworthiness issues is the Technical Authority (TA). See Paragraph 5.2 for contact information.

Note: Where this SOW indicates TC requirements, DND will accept equivalent approvals and processes that fall under foreign civil airworthiness authorities that are deemed acceptable by the TAA, for example, the Federal Aviation Administration (FAA) or European Aviation Safety Agency (EASA).

- 3.1.2 All aspects of the CT-142 and associated components/equipment are subject to the provisions of the Technical Airworthiness Manual (TAM), Canadian Forces Technical Order (CFTO) C-05-005-001/AG-001. A copy of the TAM may be obtained by contacting DTAES 2-3-2, incumbent Wanda Rowan at 819-939-4782.
- 3.1.3 The Contractor must be an Approved Maintenance Organization (AMO), recognized by an airworthiness authority such as TC, FAA or EASA with ratings for the Dash-8 Series 100 aircraft. In the event specialized work is subcontracted out by the Contractor, the Contractor is responsible to ensure work is conducted by an organization approved by a recognized airworthiness authority for the scope and depth of work being performed. Such arrangements must be specified in writing and deemed acceptable by the TAA.
- 3.1.4 The Contractor must obtain and maintain recognition as a TAA acceptable organization for the scope and depth of technical authority needed to perform the full scope of work specified in this SOW. To maintain recognition as a TAA acceptable organization, the Contractor will be subject to periodic surveys and assessments to support and maintain recognition by the DND regulator. Upon request, the Contractor must provide access to company:
- (a) Facilities;
 - (b) Personnel;
 - (c) Operating processes and procedures; and
 - (d) Forms and records.

3.1.5 Implementation of these airworthiness requirements must be accomplished IAW the following schedule:

- (a) Within one (1) week of contract award, the Contractor must contact the TA to initiate the process to achieve recognition by the DND TAA. The TA will provide the Contractor with a recognition survey to be completed by the Contractor. The survey requires the Contractor to outline how compliance to the TAM is achieved through referencing their current versions of policy manuals, internal procedures and work instructions. The Contractor may also be required to submit its existing Maintenance Process Manual (MPM) and/or Quality Process Manual references necessary to support the recognition process;
- (b) If the Contractor is currently recognized by the DND TAA to conduct work under a different contract, the Contractor must contact the TA to determine the requirements to become recognized for the performance of work in accordance with the proposed SOW. The level of effort required supporting TAA recognition will depend on the similarity of the scope and depth of work currently recognized and will be communicated to the Contractor by the TA;
- (c) The Contractor must amend and/or create the necessary policies and procedures to support the activities conducted under this contract based upon direction provided by the TAA. Where unique policies or processes are required to specifically address DND requirements, it is recommended that these be captured in a DND Airworthiness Supplement (DAS) to the organization's current regulator approved policy manual;
- (d) The Contractor shall achieve Provisional Recognition by the TAA prior to the commencement of airworthiness activities as defined in this SOW;
- (e) Timelines for achieving full TAA recognition will be agreed upon by the Contractor, the TAA and the contract TA. If deemed necessary by the TAA, an on-site audit may be required to support the recognition process. Full recognition should be achieved prior to the commencement of work; and
- (f) Once recognized by the TAA, the Contractor must maintain this status for the duration of the contract. If the Contractor leverages policies and processes established under a separate DND contract and, should that contract become terminated, the Contractor must continue to perform the necessary activities and maintain the required policies and procedures to support the TAA acceptability for this contract.

Note: The Contractor must inform the contract TA whenever a Contractor's MPM, DAS or TC approval certificate(s) have been changed or updated. At the request of the contract TA, the Contractor must submit the updated MPM, DAS and/or TC approval certificates to the contract TA.

3.1.6 The Contractor must provide support to TAA auditors during DND airworthiness audits. This includes, but not limited to providing:

- (a) On-site access to the audit team, including office space to conduct meetings and interviews;
- (b) Access to technician qualification and authorization files within the AMO;
- (c) Access to work orders and other technical data generated to certify or release maintenance activities; and
- (d) Technical and management staff to support TAA auditors.

Note: TAA staff generally schedule airworthiness audits every thirty (30) months, however, due to the short timeline would like conduct an audit during the work phase of this contract.

- 3.1.7 The Contractor is required to submit and implement a corrective action plan to the TA, as directed by TAA staff, to address observations found during airworthiness audits.

3.2 Quality Management Requirements

- 3.2.1 All work may be subject to Government Quality Assurance audits performed by the Director of Quality Assurance, or it's designated Quality Assurance Representative (QAR). These audits could occur at the Contractor's and/or Subcontractor's facilities or subsequent work sites.
- 3.2.2 Within forty-eight (48) hours of contract award, the Contractor must contact the QAR.
- 3.2.3 The Contractor must maintain, for the duration of the contract, a Quality Management System acceptable to the TAA.
- 3.2.4 Industry recognized standards acceptable to the TAA include:
- (a) NADCAP for specialized processes within a manufacturing organizations;
 - (b) AS9100 and EN9100 for AMO;
 - (c) ISO 9001 and equivalents as a general QMS; and
 - (d) AS 7103 and AS 7104 for distributors and suppliers of aviation parts.
- 3.2.5 The TAA may grant special consideration or equivalent status to organizations. Examples where this may be applicable are:
- (a) civilian Contractors seeking accreditation who have previously obtained compliance with another quality standard; or
 - (b) an organization that obtained civilian regulatory approval (i.e., TC, FAA and EASA) status as an AMO or ADO;
- 3.2.6 Submissions for special consideration or equivalent status of a different QMS must be submitted to the TAA who reserves the right to impose additional special conditions on the organization involved. Each submission will be treated on an individual basis, will be recorded by the TAA and will be subject to periodic re-evaluation.
- 3.2.7 The Contractor must retain quality control and inspection records for a period of five (5) years from the date of termination of this contract.

3.3 Technical Requirements

- 3.3.1 All aircraft inspection activities performed under this SOW are to be carried out in accordance with the latest version of the C-12-142-000/NF-001 and C-12-142-000/NV-001. Additional inspections, modifications or repairs may be requested by the TA as per Section 3.5: Additional Work Request.
- 3.3.2 All repair activities shall be carried out in accordance with the latest version of the applicable maintenance manuals as identified in Paragraph 2.2.

-
- 3.3.3 All modifications performed under this SOW shall be embodied with approval from the TA and in accordance with an approved Canadian Forces Modification Instructions (CFMIs), to be provided by DND.
- 3.3.4 Compliance with the maintenance manuals identified in Paragraph 2.2 is mandatory. Contractor compliance may be subject to random audits by the TA or a designated representative. These audits may be remote desktop audits or may occur during DND or National Defense Quality Assurance Representative (NDQAR) visits to the Contractor's facility. The Contractor must be able to demonstrate compliance by providing acceptable objective and auditable evidence to DND/NDQAR.
- 3.3.5 The Contractor must provide a single point of contact for all work associated with this SOW.
- 3.3.6 The Contractor must be registered with the Controlled Goods Program (CGP) administered by Public Services and Procurement Canada (PSPC) and the Controlled Goods Directorate (CGD). This requirement must remain valid for the duration of the contract.

3.4 Maintenance Support – Aircraft Turn-Around-Time (TAT)

- 3.4.1 Unless specifically identified and approved by the TA, the maximum turn-around-time for the completed aircraft inspection is 60 calendar days.

3.5 Maintenance Support – Additional Work Request (AWR)

- 3.5.1 The Contractor must seek approval from the TA, via an approved AWR, prior to undertaking any corrective maintenance. As a minimum, AWR submissions must provide a detailed explanation of the reason for the additional work to be performed, required parts/materials and all associated costs. The TA will provide written guidance/approval when applicable information is available within 2 working days of receipt of the request.
- 3.5.2 In the event a non-standard repair becomes necessary, the Contractor must seek approval via an AWR and await further instructions. Non-standard repairs must not be carried out without prior approval from the TA.

3.6 Meetings

- 3.6.1 No later than one (1) month prior to the aircraft induction date, a kick-off meeting may be convened at a time and location that is mutually agreed upon by the TA and Contractor. Additional technical review meetings must take place on an "upon request" basis and must be identified in the applicable DND 626 Task Authorization.
- 3.6.2 When minutes of meetings are required, the Contractor must be responsible for taking them and preparing them in a format approved by the RA. The Contractor must submit the minutes within ten (10) working days following the meeting the RA, as directed.
- 3.6.3 During the work phase, weekly progress meetings will be held between the Contractor and the DND TA.

3.7 Tasks

- 3.7.1 The Contractor shall carry out a Periodic #1 Inspection in accordance with C-12-142-000/NF-001. Additionally, Supplemental Inspections #1 and #3 shall be carried out in accordance with C-12-142-000/NV-001.
- 3.7.2 The Contactor shall carry out repairs arising from the inspection only with TA approval as detailed by the AWR process in Paragraph 3.5.
- 3.7.3 The Contactor shall carry out any additional inspections, modifications or repairs that may be requested by the TA as per Paragraph 3.5, and which have and agreed upon by the Contractor.

PART 4 – DELIVERABLES

4.1 TA Notification

- 4.1.1 Upon receipt and induction of aircraft for inspection, the Contractor shall provide the TA with official correspondence stating such.

4.2 Weekly Progress Report

- 4.2.1 For the duration of the inspection, an on-going requirement shall exist for weekly reports to be sent back to the TA or a delegated representative. This report shall be of an electronic format and include, at a minimum, the following information:
 - (a) suitable scanned copies for all work orders closed during the preceding 7 day period during the inspection. This record keeping requirement is necessary for compliance with 402 Sqn Electronic Record Keeping requirements in order to return the aircraft to a serviceable status;
 - (b) a list of tasks completed in accordance with C-12-142-000/NF-001 and C-12-142-000/NV-001; and
 - (c) a list of TA approved AWR's completed during the previous 7 days, as applicable.

4.3 Quality Assurance and Acceptance Test Plan

- 4.3.1 Upon completion of the Work detailed in Section 3 of this SOW, the Contractor must provide to the TA, a Quality Assurance and Acceptance Test Plan, in accordance with requirements listed in C-12-142-0000/NE-001, listing all inspections completed, repairs conducted and any modifications embodied.
- 4.3.2 To substantiate that all work has been carried out to the required specifications and standards, the Contractor must provide:
 - (a) An invoice detailing all work completed;
 - (b) Maintenance release and aircraft release documentation (work orders) for all completed work in accordance with the Contractor's TC-approved Maintenance Process Manual (MPM),

ensuring that said documentation provides all information/data required to maintain the DND Aircraft Maintenance Record Set as stipulated in CFTO C-05-005-P04/AM-001 (Aircraft Maintenance Record Set);

Note: In order for the Contractor to achieve compliance with the above requirement, DND will stipulate the precise information/data that must be included on all Contractor work orders.

- (c) A Certificate of Conformance for any new component installed as part of any repair or modification indicating that the component conforms to the applicable Basis of Certification;
- (d) An on-site inspection of the aircraft by the TA or delegate confirming that all work has been completed to the required specification/standard; and
- (e) A written record of the disposal of any scrapped items to ensure they do not re-enter any supply chain.

Note: If any of the components to be disposed of are CTAT, a DND 2586 Certificate of Demilitarization is required.

PART 5 – AUTHORITIES

5.1 Project Manager

Deputy Weapon System Manager (D/WSM)
402 City of Winnipeg Squadron
PO Box 17000 Stn Forces
Winnipeg, Manitoba R3J 3Y5
Telephone: (204) 833-2500 ext. 6597
Fax: (204) 833-2563

5.2 Technical Authority

Aircraft Engineering Officer (AEO)
402 City of Winnipeg Squadron
PO Box 17000 Stn Forces
Winnipeg, Manitoba R3J 3Y5
Telephone: (204) 833-2500 ext. 5211
Fax: (204) 833-2563

5.3 Requisitioning Authority

Logistics Support Officer (LSO)
402 City of Winnipeg Squadron
PO Box 17000 Stn Forces
Winnipeg, Manitoba R3J 3Y5
Telephone: (204) 833-2500 ext. 6926
Fax: (204) 833-2563
Fax: (204) 833-2563

Solicitation No. - N° de l'invitation
W7006-17P806
Client Ref. No. - N° de réf. du client

Amd. No. - N° de la modif.
File No. - N° du dossier
W7006-17P806

Buyer ID - Id de l'acheteur
wpg119
CCC No./N° CCC - FMS No./N° VME

APPENDIX 1 TO ANNEX A
INSPECTION TASKS

Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE REMOVAL/INSTALLATION	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 311	PAGE AVN 36

LOCATION Rear Fuselage STN. X653.34 to X807.12

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	BA-BA-AA-AC-AD - Duct Assy - Air Inlet (Matched Set)	Duct Assy - Air Inlet (Matched Set)

GUIDELINE

1. Remove one half.
2. Clean.
3. Carry out a general visual inspection for condition.
4. Install serviceable item.

Note: Carry out in conjunction with APU Air Inlet survey phase inspections.

Non-Controlled Goods / Marchandises Non-Contrôlées
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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE REMOVAL/INSTALLATION	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 311	PAGE AVN 44

LOCATION Rear Fuselage STN. X653.34 to X807.12

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	BA-BA-AA-AA - Gas Turbine Aux Power Unit T-62T-40C7D	Element - Filter (HP Fuel Pump)

GUIDELINE

1. Refer to Figure 1. Remove screws (1) cover (2), filter (3) and packings (4) and (5). Discard packings.

2. Visually inspect the filter for wear particulate. If wear particulate is found safeguard it in a suitable container and contact the CT142 AEO prior to further operation of the APU.

3. Visually inspect the filter for damage.

Note: Do not discard reusable filter unless damaged.

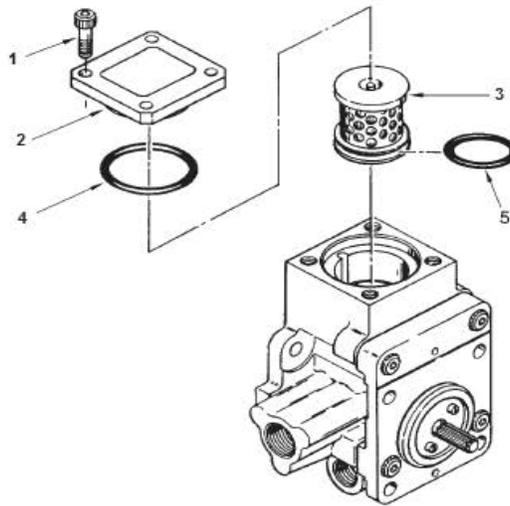
4. Refer to Figure 1. Install packing (5) on filter (3) and install filter. Install packing (4) on cover (2) and install cover. Attach cover with screws (1). Torque screws to 24 to 27 in/lbs (2.7 to 3.1 N-m).

Sheet 1 of 2

Non-Controlled Goods / Marchandises Non-Contrôlées
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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE REMOVAL/INSTALLATION	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 311	PAGE AVN 44



Fuel Pump Assembly
Figure 1

Sheet 2 of 2

Non-Controlled Goods / Marchandises Non-Contrôlées
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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE SURVEY	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 230/240	PAGE AVN 116

LOCATION Upper Fuselage (STN. X182.00 to X424.12); and
 Upper Fuselage (STN. X424.12 to X545.50)

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	AA-AA-BA-CA-AP - Overhead Bins	Overhead Bins
2.	AA-AA-BA-DA-AH - Overhead Bins	Overhead Bins

GUIDELINE

1. Carry out an internal and external general visual inspection on all cabin overhead bins.

CT142 DASH 8		PHASE SURVEY	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 410	PAGE AVN 166

LOCATION Engine and Nacelle LH

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	BA-AA-AA-AA-AA-JA - Engine Mounted Miscellaneous Components	Rod Assy - Push - Power Cntrl-HMU to PCU
2.	BA-AA-AA-AA-AA-JA - Engine Mounted Miscellaneous Components	Rod Assy - Push - Cond Cntrl-HMU to PCU
3.	BA-AA-BA-AA-AC - Nacelle Control Installation	Quadrant Assy - Nacelle Engine Controls
4.	BA-AA-BA-AA-AC - Nacelle Control Installation	Strut Assy - Spring
5.	BA-AA-BA-AA-AC - Nacelle Control Installation	Rod Assy - Push - Power Control - Nacelle Quadrant to HMU
6.	BA-AA-BA-AA-AC - Nacelle Control Installation	Rod Assy - Push - Condition Control - Nacelle Quadrant to HMU

GUIDELINE

1. Check rigging IAW C-12-142-000/MF-002, 76-10-00-04.

Non-Controlled Goods / Marchandises Non-Contrôlées
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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE SYSTEM FUNCTIONAL	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 211	PAGE AVN 239

LOCATION Flight Compartment Above Floor STN. X110.00 to X182.00

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	AA-CA-BA - Hydraulic System #1	Hydraulic System #1
2.	AA-CA-CA - Hydraulic System #2	Hydraulic System #2

Obtain hydraulic fluid samples and forward to QETE for testing as follows:

Prepare To Take Sample:

WARNING

MAIN GEAR DOOR LOCK PINS MUST BE INSTALLED PRIOR TO WORKING IN MAIN GEAR WHEEL WELL. FAILURE TO OBEY THIS WARNING COULD RESULT IN FATAL OR SERIOUS INJURY.

1. Ensure main gear ground locks are installed and nose gear ground lock is engaged (Refer to C-12-142-000/MF-002, Chapter 32).
2. Ensure main gear doors are open and door lock pins are installed.
3. Clean sampling bottle, prior to use, IAW C-82-103-000/MB-001, Part 3.
4. Store bottle in a clean, sealed polyethylene bag until required for use.

Obtain Fluid Sample:

Note: The following steps are applicable to No. 1 and No. 2 Main Hydraulic Systems.

CAUTION

OBSERVE STARTER OPERATING LIMITATIONS IN C-12-142-000/MF-002, CHAPTER 71 WHEN MOTORING ENGINE.

5. Pressurize system by carrying out a dry motoring run on the appropriate engine (Refer to C-12-142-000/MF-002, Chapter 71) or by operating the appropriate standby power unit (Refer to Standby Power Unit - Description and Operation).
6. Operate spoilers, flaps and rudder (Refer to C-12-142-000/MF-002, Chapter 27) as applicable to warm and well circulate fluid in system.

Sheet 1 of 2

Non-Controlled Goods / Marchandises Non-Contrôlées
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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE SYSTEM FUNCTIONAL	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 211	PAGE AVN 239

7. Remove cap from bleed and sample port.

8. While still motoring, depress bleeder valve plunger at top of reservoir allowing 100 ml of fluid to discharge into a suitable container. Ensure that fluid is allowed to discharge until air free. Stop motoring and discard fluid.

CAUTION

**BOTTLE PREPARED IN PARA 3 MUST REMAIN TIGHTLY CLOSED
IMMEDIATELY BEFORE AND AFTER OBTAINING SAMPLE.**

9. Place a waste container directly under the sampling port. Repeat step (5), depress bleeder valve plunger and allow approximately 100-150 ml of fluid to discharge into the waste container removing any accumulated contamination at the valve. Stop motoring.

10. Place a clean sampling bottle directly under the sampling port. Repeat step (5). Depress bleeder valve plunger and allow approximately 250 ml of fluid to discharge into the sampling bottle. Release bleeder valve plunger, tightly close bottle and suitably identify. Stop motoring.

11. Install cap on sampling port and replenish reservoir (Refer to C-12-142-000/MF-002, Chapter 12).

WARNING

**MAIN GEAR DOORS WILL CLOSE ON ENGINE START OR ON
APPLICATION OF EXTERNAL HYDRAULIC POWER.**

12. Forward hydraulic fluid sample(s) to QETE for fluid analysis (Refer to C-12-142-000/NE-001, Part 5).

Sheet 2 of 2

Non-Controlled Goods / Marchandises Non-Contrôlées
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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE SYSTEM FUNCTIONAL	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 211	PAGE AVN 240

LOCATION Flight Compartment Above Floor STN. X110.00 to X182.00

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	AA-EA-JA - Landing Gear Control System	Landing Gear Control System

Carry out a functional test of the Landing Gear Extension/Retraction System as follows:

WARNING

ENSURE PERSONNEL ARE CLEAR OF MAIN GEAR AND NOSE GEAR DURING RETRACTION AND EXTENSION OPERATIONS. MAIN AND NOSE GEAR DOORS CLOSE WHEN AIRCRAFT HYDRAULIC SYSTEM IS PRESSURIZED.

CAUTION

MAKE SURE THAT THE ALTERNATE RELEASE DOOR AND THE ALTERNATE EXTENSION DOOR ARE FULLY CLOSED BEFORE USING THE PRIMARY RETRACTION OR EXTENSION SYSTEM OF THE LANDING GEAR. IF YOU DO NOT DO THIS, IT CAN CAUSE DAMAGE TO LANDING GEAR SYSTEM COMPONENTS.

CAUTION

BEFORE YOU RETRACT OR EXTEND THE LANDING GEAR, MAKE SURE THAT THE FUEL TANK ACCESS PANELS ARE INSTALLED. MOVEMENT OF THE LANDING GEAR WITH THESE PANELS REMOVED IS NOT PERMITTED.

Note: If the lower cowl is in the open position, it is recommended that you close the lower cowl to make sure that it is not damaged during the landing gear movement. If it is necessary for the lower cowl to be open for other maintenance, you can also remove the lower cowl if it cannot be closed.

Note: A stopwatch is required to do this task.

CAUTION

DO NOT LIFT OR LOWER THE AIRCRAFT WITH JACKS WHEN THE OVERWING ACCESS PANELS ARE NOT INSTALLED. IF YOU DO, YOU CAN CAUSE DAMAGE TO THE AIRCRAFT WING STRUCTURE.

1. Jack the aircraft IAW C-12-142-000/MF-002, Chapter 7.

Sheet 1 of 3

Non-Controlled Goods / Marchandises Non-Contrôlées
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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE SYSTEM FUNCTIONAL	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 211	PAGE AVN 240

2. Remove the ground lock pins and the door safety pins.
 3. Connect external hydraulic supply to the No. 2 hydraulic system IAW C-12-142-000/MF-002, Chapter 12.
 4. Apply external electrical power to the dc bus system IAW C-12-142-000/MF-002, Chapter 12.
 5. Make sure that the power levers are at FLT IDLE position.
 6. Make sure that the condition levers are fully forward.
 7. Make sure that the flap selector lever is at 0 degrees setting.
 8. Start the external hydraulic power unit and adjust the pressure to 3000 psi and set the flow rate to 5.4 Imp. gallons per minute (6.5 U.S. gal/min).
 9. Remove the main gear ground locks and disengage the nose gear ground lock.
 10. Make sure that the area is clear of personnel.
 11. Make sure that the landing gear position lights show green (landing gear down and locked).
 12. Operate lock release, select the landing gear up and start the stopwatch.
 13. Make sure that the landing gear position lights show red and landing gear lever light shows amber (landing gear in transit).
 14. When the landing gear is fully retracted and the uplocks are engaged stop the stopwatch.
 15. Make sure that the landing gear red position lights and amber lever light are off; door lights will momentarily show amber until the doors are closed
 16. Do a check on stopwatch:
 - a. Main gear 6 to 8 seconds
 - b. Nose gear 4 to 6 seconds
- Note: Doors shall close within one second after all the gear uplocks are engaged.
17. Make sure that the landing gear is fully retracted and the doors closed.
 18. Examine for hydraulic leaks and correct them.

Sheet 2 of 3

Non-Controlled Goods / Marchandises Non-Contrôlées
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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE SYSTEM FUNCTIONAL	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 211	PAGE AVN 240

19. Examine for the satisfactory operation of U/C doors, closure timing and surface alignment.
20. Operate lock release, select the landing gear down and start the stopwatch.
21. Make sure that the landing gear position lights show red and landing gear lever light shows amber (landing gear in transit).
22. When the landing gear is fully extended and the downlocks are engaged stop the stopwatch. Make sure that all the landing gear position lights show green and amber lever light goes off; door lights will momentarily show amber until the doors are closed.
23. Do a check on stopwatch:
 - a. Main gear 3 to 5 seconds
 - b. Nose gear 5 to 7 seconds
 - c. Doors closed 7 to 9 seconds
24. Make sure that the landing gear is fully extended and locked down, main gear center and rear doors are fully closed and nose gear front doors are fully closed.
25. Install the main landing gear ground locks and engage the nose gear ground locks.
26. Examine for hydraulic leaks and correct them.
27. Disconnect the external hydraulic supply IAW C-12-142-000/MF-002, Chapter 12.
28. Disconnect external electrical supply IAW C-12-142-000/MF-002, Chapter 12.

CAUTION

DO NOT LIFT OR LOWER THE AIRCRAFT WITH JACKS WHEN THE OVERWING ACCESS PANELS ARE NOT INSTALLED. IF YOU DO, YOU CAN CAUSE DAMAGE TO THE AIRCRAFT WING STRUCTURE.

29. Lower the aircraft off jacks IAW C-12-142-000/MF-002, Chapter 7.

Sheet 3 of 3

Non-Controlled Goods / Marchandises Non-Contrôlées
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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE POST INSPECTION RUN-UP	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 211	PAGE AVN 258

LOCATION Flight Compartment Above Floor STN. X110.00 to X182.00

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	CA-JA-AA-CA - Main DC Generating System	Main DC Generating System

GUIDELINE

Carry out an operational test of the DC Generators as follows:

1. Start #1 and #2 engines IAW C-12-142-000/MC-001.
2. Set the power levers to FLT IDLE and the condition levers to MIN GOV.
3. Make sure that the following circuit-breakers are closed:
 - a. On left dc circuit breaker panel:

C/B Title	Panel Location	C/B Title	Panel Location
L MAIN INPUT	A10, B10, C10, D10	VOLT IND.	D9
L ESS BUS	E9	BUS TIE	K10
L MAIN INPUT	L10	AUX BAT INPUT	M10
DC LOGIC CONT	F9	DC GEN 1 EXCITE	G9
DC PWR MONITOR	H9	AUX BATT CONT	J8
L SEC INPUT	P10, Q10, R10	VOLT IND.	N9

- b. On right dc circuit breaker panel:

C/B Title	Panel Location	C/B Title	Panel Location
R SEC INPUT	C10, D10, E10	VOLT IND.	E9
R BATT INPUT	L10	VOLT IND.	N9
DC PWR MONITOR	H9	R MAIN INPUT	M10
DC GEN 2 EXCITE	H8	DC BUS TIE CONT	G8
R MAIN	P10, Q10, R10, S10	MAIN BATT CONT	K8
CAUT LTS 1	M1	R ESS BUS.	N10
CAUT LTS 2	N1	VOLT IND.	P9

Sheet 1 of 3

Non-Controlled Goods / Marchandises Non-Contrôlées
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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE POST INSPECTION RUN-UP	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 211	PAGE AVN 258

- c. On 115V AC VARIABLE FREQUENCY panel:
- i) LEFT AC VM PH A, PH B, PH C
 - ii) RIGHT AC VM PH A, PH B, PH C
- d. At 115V AC VARIABLE FREQUENCY circuit-breaker panel, open L TRU and R TRU circuit breakers.
4. At the DC CONTROL panel, set GEN 1, GEN 2, MAIN BUS TIE, and EXTERNAL POWER switches to OFF. Make sure that the battery switches are selected to BATTERY MASTER, MAIN BATT and AUX BATT.
5. Make sure that the following caution lights are on:
- a. # 1 DC GEN, # 2 DC GEN, L TRU fail, and R TRU fail.
 - b. Make sure that the MAIN BATTERY and AUX BATTERY caution lights are off.
6. At the DC SYSTEM power monitor panel, set the voltmeter to R MAIN, R ESS and L ESS and check the battery voltage. Make sure that all other buses read zero volts. Make sure that the LOAD for the MAIN battery and AUX battery shows a discharge current (minus sign).
7. At the DC CONTROL panel, set the lever-locked MAIN BUS TIE switch to MAIN BUS TIE.
8. At the DC SYSTEM monitor panel, make sure that the L MAIN, L ESS, R ESS and R MAIN positions show the battery voltage, with a discharge LOAD indication.
9. At the DC CONTROL panel, set the MAIN BUS TIE switch to OFF.
10. At the DC CONTROL panel, set the GEN 2 switch to GEN 2. Make sure that the # 2 DC GEN caution light goes off.
11. At the DC SYSTEM power monitor panel, make sure that:
- a. The L MAIN and R MAIN bus voltages read 28.0 ± 1 Volts.
 - b. The L ESS and R ESS BUS voltages read 28.0 ± 1 or $- 2$ Volts.
 - c. The L SEC and R SEC bus voltages read ± 0.3 Volts.
 - d. The MAIN BATT and AUX BATT LOAD shows a charging current.

Sheet 2 of 3

Non-Controlled Goods / Marchandises Non-Contrôlées
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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE POST INSPECTION RUN-UP	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 211	PAGE AVN 258

12. At the DC CONTROL panel, set the GEN 1 switch to GEN 1. Make sure that the # 1 DC GEN caution light goes off. On the DC SYSTEM power monitor panel, make sure that the voltage on all buses reads 28.0 ± 1 Volts.

13. At the DC CONTROL panel, set the GEN 2 switch to the OFF position. Make sure that the #2 DC GEN caution light comes on.

14. At the DC SYSTEM power monitor panel, make sure that:

- a. The L MAIN and R MAIN bus voltages read 28.0 ± 1 Volts.
- b. The L ESS and R ESS BUS voltages read 28.0 ± 1 or $- 2$ Volts.
- c. The L SEC and R SEC bus voltages read 0 ± 0.3 Volts.
- d. The MAIN BATT and AUX BATT LOAD shows a charging current.

15. At the DC CONTROL panel, set the GEN 1 switch to the OFF position. Make sure that the #1 DC GEN caution light comes on. At the DC SYSTEM power monitor panel, make sure that the R MAIN, R ESS and L ESS buses show the battery voltage, with a discharge LOAD indication.

16. At the DC CONTROL panel, set the GEN 1 and GEN 2 control switches to GEN 1 and GEN 2 to bring starter-generators back on line.

17. On the DC SYSTEM power monitor panel, make sure that all the buses show the generator voltage 28.0 ± 1.0 Volts. Make sure that the # 1 and # 2 DC GEN caution lights are off.

18. Shut down #1 and #2 engines IAW C-12-142-000/MC-001.

19. Close L TRU and R TRU circuit breakers on 115V AC VARIABLE FREQUENCY circuit breaker panel.

Sheet 3 of 3

Non-Controlled Goods / Marchandises Non-Contrôlées
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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE POST INSPECTION RUN-UP	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 211	PAGE AVN 259

LOCATION Flight Compartment Above Floor STN. X110.00 to X182.00

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	CA-JA-AA-DA - TRU Power System	TRU Power System

GUIDELINE

Carry out an operational test of the Transformer Rectifier Unit as follows:

1. Start #1 and #2 engines IAW C-12-142-000/MC-001.
2. Operate the engines at ground idle.
3. Make sure that the following circuit-breakers are closed:
 - a. On left dc circuit breaker panel:

C/B Title	Panel Location	C/B Title	Panel Location
L MAIN INPUT	A10, B10, C10, D10	VOLT IND.	D9
L ESS BUS	E9	BUS TIE	K10
L MAIN INPUT	L10	AUX BAT INPUT	M10
DC LOGIC CONT	F9	DC GEN 1 EXCITE	G9
DC PWR MONITOR	H9	AUX BATT CONT	J8
L SEC INPUT	P10, Q10, R10	VOLT IND.	N9

- b. On right dc circuit breaker panel:

C/B Title	Panel Location	C/B Title	Panel Location
R SEC INPUT	C10, D10, E10	VOLT IND.	E9
R BATT INPUT	L10	R MAIN INPUT	M10
DC PWR MONITOR	H9	DC BUS TIE CONT	G8
DC GEN 2 EXCITE	H8	MAIN BATT CONT	K8
R MAIN	P10, Q10, R10, S10	R ESS BUS.	N10
CAUT LTS 1	M1	CAUT LTS 2	N1
VOLT IND.	P9		

Sheet 1 of 3

Non-Controlled Goods / Marchandises Non-Contrôlées
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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE POST INSPECTION RUN-UP	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 211	PAGE AVN 259

c. On left dc circuit-breaker panel:

- i) AC PWR MONITOR (J9)
- ii) AC GEN CONT 1 (K9)

d. On right dc circuit-breaker panel:

- i) AC PWR MONITOR (J9)
- ii) AC GEN. CONT2 (K9)
- iii) TRU CONT L & R (J8)

4. On the 115V AC VARIABLE FREQUENCY circuit breaker panel, open L TRU and R TRU circuit breakers.

5. At the DC CONTROL panel, set the GEN 1, GEN 2, MAIN BUS TIE and EXT PWR switches to OFF. Make sure that the BATTERY MASTER, MAIN BATT, and AUX BATT switches are on. (Selected to BATTERY MASTER, MAIN BATT and AUX BATT). Check that MAIN BATTERY and AUX BATTERY caution lights are off.

6. At the AC CONTROL panel, set the GEN 1 and GEN 2 switches to GEN 1 and GEN 2 to energize variable frequency bus system. Make sure that EXT POWER switch is OFF.

7. At the AC SYSTEM power monitor panel, set the VARIABLE FREQUENCY switch to all positions (LEFT A, B, C, and RIGHT A, B, C). Make sure of 115 volts indication on all phases.

8. At the 115V VARIABLE FREQUENCY circuit-breaker panel, close L TRU circuit-breaker. Make sure that the L TRU fail caution light is goes off and R TRU fail comes is on.

9. On DC SYSTEM power monitor panel, make sure that left and right secondary buses read 27 ± 2.0 volts.

10. At the 115V AC VARIABLE FREQUENCY circuit-breaker panel open L TRU circuit-breaker. Make sure that after 4 seconds, the L TRU fail caution light is on and the two secondary buses read zero Volts.

11. At the 115V AC VARIABLE FREQUENCY circuit breaker panel, close R TRU circuit breaker. Make sure that the R TRU fail caution light goes off and L TRU fail is on.

12. On the DC SYSTEM power monitor panel, make sure that left and right secondary buses read 27 ± 2.0 volts.

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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE POST INSPECTION RUN-UP	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 211	PAGE AVN 259

13. At the 115V AC VARIABLE FREQUENCY circuit-breaker panel, open R TRU circuit-breaker. Make sure that after 4 seconds, the R TRU fail caution light is on and the two secondary buses read zero Volts.

14. At the 115V AC VARIABLE FREQUENCY circuit- breaker panel, close L TRU and R TRU circuit-breakers. Make sure that the two TRU fail and the two TRU HOT caution lights are off. Make sure that all buses read 27 ± 2.0 volts.

15. At the DC CONTROL panel, select GEN 1 and GEN 2 control switches to GEN 1 and GEN 2. Make sure that # 1 and # 2 DC GEN caution lights go off.

16. On the DC SYSTEM power monitor panel, Make sure that MAIN and ESS buses read 28 ± 1.0 volts. Make sure that the L SEC and R SEC buses read 27 ± 2.0 volts.

17. Shut down #1 and #2 engines IAW C-12-142-000/MC-001.

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Non-Controlled Goods / Marchandises Non-Contrôlées
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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE POST INSPECTION RUN-UP	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 211	PAGE AVN 260

LOCATION Flight Compartment Above Floor STN. X110.00 to X182.00

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	CA-JA-BA-AB - Variable AC Generating System	Variable AC Generating System

GUIDELINE

Carry out a test of the AC Frequency Generator System as follows:

1. Ensure the following circuit breakers are closed:
 - a. On left dc circuit breaker panel:
 - i) PWR MONITOR DC (H9)
 - ii) PWR MONITOR AC (J9)
 - iii) AC GEN CONT 1 (K9)
 - b. On right dc circuit breaker panel:
 - i) PWR MONITOR DC (H9)
 - ii) PWR MONITOR AC (J9)
 - iii) AC GEN CONT 2 (K9)
 - iv) CAUT LTS 1 (M1)
 - v) CAUT LTS 2 (N1)
 - c. On 115V AC VARIABLE FREQUENCY panel:
 - i) LEFT AC VOLTMETER PH A, PH B, PH C
 - ii) RIGHT AC VOLTMETER PH A, PH B, PH C
2. At 115V AC VARIABLE FREQUENCY circuit-breaker panel, open L TRU and R TRU circuit breakers.

Sheet 1 of 2

Non-Controlled Goods / Marchandises Non-Contrôlées
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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE POST INSPECTION RUN-UP	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 211	PAGE AVN 260

3. At the AC CONTROL panel, select all switches OFF.
4. Ensure all systems using 115V variable frequency power are switched OFF.
5. Observe all normal operating precautions and start #1 and #2 engines IAW C-12-142-000/MC-001.
6. Run engines with propeller speed of 900 rpm.
7. Apply generator power to primary dc bus system (Refer to C-12-142-000/MF-002, Chapter 12).
8. Operate switches on DC SYSTEM power monitor panel to ensure that all dc buses are powered.
9. Check that #1 AC GEN and #2 AC GEN caution lights are on.
10. At the AC CONTROL panel, select GEN 1 switch on. Check that #1 AC GEN caution light goes off.
11. At the AC SYSTEM power monitor panel select phases A, B and C on the left and right buses. Check that each phase reads 115V + or - 3.0 (112-118) volts.
12. At the AC CONTROL panel, select GEN 1 switch OFF and GEN 2 on. Check that #1 AC GEN caution light comes on, and #2 AC GEN caution light goes off.
13. Repeat Paragraph 11.
14. At the AC CONTROL panel select GEN 1 switch on. Check that #1 and #2 AC GEN caution lights are off, and that correct voltage is indicated on left and right buses.
15. At 115V AC VARIABLE FREQUENCY panel, close L TRU and R TRU circuit breakers.
16. At AC SYSTEM panel, check that indicated voltage is 115V as in Paragraph 11 and LOAD reading indicates current is being drawn by the TRUs.
17. Shut down #1 and #2 engines IAW C-12-142-000/MC-001.

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Non-Controlled Goods / Marchandises Non-Contrôlées
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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE FINAL AREA CLOSE OUT	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE GENL	PAGE AVN 264

LOCATION Complete Aircraft

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	AA-AA - Structure Basic	Structure Basic

GUIDELINE

1. Carry out a weight and balance of the aircraft IAW C-12-142-000/MW-002.
2. Record results IAW C-12-005-008/AM-000.

CT142 DASH 8		PHASE SYSTEM FUNCTIONAL	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 111	PAGE AVS 104

LOCATION Radome Sta X11.00 to X66.00

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	CA-DA-GA-AA - Airborne Search Radar (Litton AN/APS-504)	Fan - RT Cooling (APS 504)

GUIDELINE

Carry out an operational check of the RT Cooling Fan as follows:

1. Apply external electrical power to the aircraft IAW C-12-142-000/MF-002, Chapter 12.
2. Look and listen for normal operation of the cooling fan
3. Disconnect external electrical power from the aircraft AW C-12-142-000/MF-002, Chapter 12.

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CT142 DASH 8		PHASE SYSTEM FUNCTIONAL	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 133	PAGE AVS 105

LOCATION Underfloor Cabin Center Sta X182.00 to X424.12

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	CA-CA-AA - Inertial Reference System	DC Blower Assy (Kit)

GUIDELINE

Carry out an operational check of the Inertial Reference System DC Blower Assembly as follows:

1. Ensure floor panel 133DZ has been removed for access.
2. Apply external electrical power to the aircraft IAW C-12-142-000/MF-002, Chapter 12.
3. Look and listen for normal operation of the cooling fan.
4. Disconnect external electrical power from the aircraft IAW C-12-142-000/MF-002, Chapter 12.

CT142 DASH 8		PHASE SYSTEM FUNCTIONAL	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 211	PAGE AVS 107

LOCATION Flight Compartment Above Floor STN. X110.00 to X182.00

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	CA-LA-DA - Ground Proximity Warning System (GPWS)	Ground Proximity Warning System (GPWS)

GUIDELINE

1. Carry out a Ground Proximity Warning System Manual Self-Test AW C-12-142-000/MF-002, 34-43-01-06.

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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE SYSTEM FUNCTIONAL	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 211/232/242	PAGE AVS 111

LOCATION Flight Compartment Above Floor STN. X110.00 to X182.00;
 Cabin Floor to Top of Sidewall RH STN. X182.00 to X424.12; and
 Cabin Floor to Top of Sidewall RH STN, X424.12 to X545.50.

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	CA-BA-AA - NTS Nav Training System	NTS Nav Training System

GUIDELINE

1. Carry out a functional test of the Navigation Training System IAW C-12-142-000/MF-002, 34-70-05-12, 34-70-05-13 and 34-70-05-14.

CT142 DASH 8		PHASE SYSTEM FUNCTIONAL	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 211/262	PAGE AVS 112

LOCATION Flight Compartment Above Floor STN. X110.00 to X182.00
 Rear Root Fairing, Rear of Rear Spar STN. X424.12

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	AA-FA-AA - Fire Detection/Protection Systems - Engine	Fire Detection/Protection Systems - Engine

GUIDELINE

1. Carry out a "Test" of the Engine Fire Extinguisher Circuits AW C-12-142-000/MF-002, 26-20-00-03.

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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE SYSTEM FUNCTIONAL	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 230/240	PAGE AVS 127

LOCATION Upper Fuselage (STN. X182.00 to X424.12); and
 Upper Fuselage (STN. X424.12 to X545.50)

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	CA-IA-AA-AE - NTS Console Lighting System	NTS Console Lighting System

GUIDELINE

1. Apply electrical power to the aircraft IAW C-12-142-000/MF-002, Chapter 12.
2. Ensure the following circuit breakers are closed:
 - a. Left dc circuit-breaker panel: NAV TRAINER PWR (N1).
 - b. Right dc circuit-breaker panel: NAV TRAINER PWR (R1).
 - c. Console circuit-breaker panel: CONSOLE LIGHTS (B).
3. Do an operational test of the NTS console fluorescent lights as follows:
 - a. Select NAV TRAINER PWR switches on the co-pilot's side panel on. Check that advisory lamps extinguish.
 - b. Locate knob marked LOWER on console lighting control panel. Rotate knob clockwise to BRT position, check light intensity. Rotate again, to counterclockwise center position. Check lower console light for lowered intensity in center position. Rotate knob to OFF position and check to ascertain that lower light is extinguished.
 - c. Locate knob marked UPPER on console lighting control panel. Rotate knob clockwise to BRT position and note intensity of upper console light. Rotate knob, counterclockwise one position at a time and check for a progressive reduction in intensity at each position. Check to see that light extinguishes in OFF position.
 - d. Locate knob marked INSTR LTG on console lighting control panel. Rotate knob clockwise to BRT position and note intensity of instrument lighting. Rotate knob counterclockwise and check to see that instrument lights reduce intensity and that lights extinguish in OFF position.
 - e. Locate knob labelled FLOOR LTG on console lighting control panel. Rotate knob clockwise to BRT position and note intensity of floor light. Rotate knob, counterclockwise to unmarked center position and check that floor light intensity decreases. Rotate knob to OFF, and see that light extinguishes.

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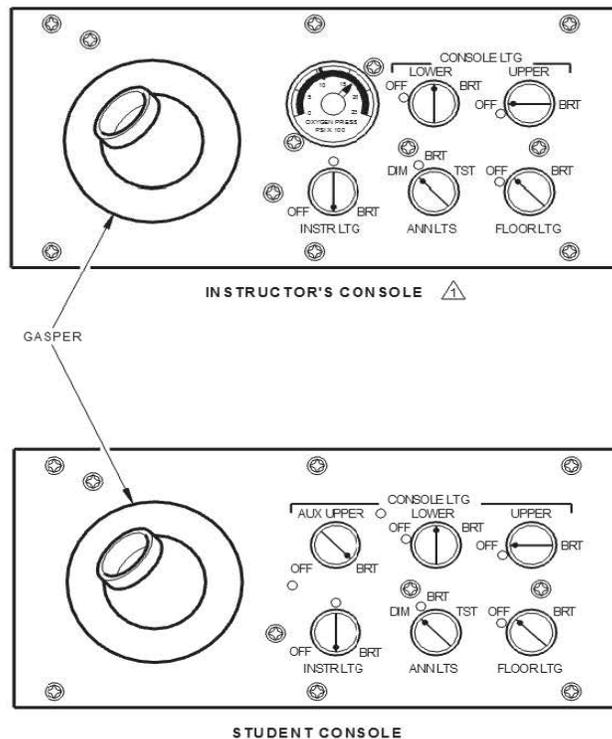
Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE SYSTEM FUNCTIONAL	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 230/240	PAGE AVS 127

f. At student consoles only, locate AUX UPPER knob on console lighting control panel. Rotate knob clockwise to BRT position and note light intensity. Rotate knob counterclockwise and see that light intensity decreases. Rotate knob completely to OFF position and see that light extinguishes.

g. Select NAV TRAINER PWR switches off.

4. Remove electrical power from the aircraft IAW C-12-142-000/MF-002, Chapter 12.



NOTE:
 ⚠️ 12 PANEL SHOWN. 11 PANEL
 HAS BLANKING PANEL IN PLACE
 OF OXYGEN PRESS GAUGE

**NTS Console Lighting Control Panel
 Figure 1**

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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE SYSTEM FUNCTIONAL	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 231	PAGE AVS 128

LOCATION Cabin Floor to Top of Sidewall LH Sta. X182.00 to X424.12

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	AA-AA-BA-CA-AK-AA – Fan, Forward - Cabinet Assy-Avionics	Fan, Forward - Cabinet Assy-Avionics
2.	AA-AA-BA-CA-AK-AB – Fan, Aft - Cabinet Assy-Avionics	Fan, Aft - Cabinet Assy-Avionics

GUIDELINE

Carry out an operational check of the Avionics Cabinet Assembly Cooling Fans as follows:

1. Open avionics cabinet latched door to gain access to the cooling fans.
2. Apply external electrical power to 115V ac bus system IAW C-12-142-000/MF-002, Chapter 12.
3. Look and listen for normal operation of the cooling fan.
4. Disconnect external electrical power from the aircraft IAW C-12-142-000/MF-002, Chapter 12.
5. Close avionics cabinet latched door.

Non-Controlled Goods / Marchandises Non-Contrôlées
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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE SYSTEM FUNCTIONAL	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 232	PAGE AVS 129

LOCATION Cabin Floor to Top of Sidewall RH Sta. X182.00 to X424.12

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	CA-BA-AA-AI-AA-AA – Fan, Inbd - Avionics Cooling Rack	Fan, Inbd - Avionics Cooling Rack
2.	CA-BA-AA-AI-AA-AB – Fan, Outbd - Avionics Cooling Rack	Fan, Outbd - Avionics Cooling Rack

GUIDELINE

Carry out an operational check of the Avionics Cooling Rack (NTS Computer Rack) Fans as follows:

1. Open NTS computer rack latched door to gain access to the cooling fans.
2. Apply external electrical power to 115V ac bus system IAW C-12-142-000/MF-002, Chapter 12.
3. Look and listen for normal operation of the cooling fans.
4. Disconnect external electrical power from the aircraft IAW C-12-142-000/MF-002, Chapter 12.
5. Close NTS computer rack latched door.

Non-Controlled Goods / Marchandises Non-Contrôlées
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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE REMOVAL/INSTALLATION	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 211/230/240	PAGE ACS 3

LOCATION Flight Compartment Above Floor STN. X110.00 to X182.00;
 Upper Fuselage (STN. X182.00 to X424.12); and
 Upper Fuselage (STN. X424.12 to X545.50)

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	FA-BA-AD-AA-AE - Smoke Goggles - Pilot	Smoke Goggles
2.	FA-BA-AD-AA-AF - Smoke Goggles - Co-Pilot	Smoke Goggles
3.	FA-BA-AD-AA-AG - Smoke Goggles - Observer	Smoke Goggles
4.	FA-BA-AD-AB-AC - Smoke Goggles - NTS Student 1	Smoke Goggles
5.	FA-BA-AD-AB-AD - Smoke Goggles - NTS Instructor 1	Smoke Goggles
6.	FA-BA-AD-AB-AE - Smoke Goggles - NTS Student 2	Smoke Goggles
7.	FA-BA-AD-AB-AF - Smoke Goggles - NTS Student 3	Smoke Goggles
8.	FA-BA-AD-AB-AG - Smoke Goggles - NTS Instructor 2	Smoke Goggles
9.	FA-BA-AD-AB-AH - Smoke Goggles - NTS Student 4	Smoke Goggles

GUIDELINE

1. Remove and identify to position.
2. Route to ALSE Shop for shop inspection.
3. Install serviceable items.

Non-Controlled Goods / Marchandises Non-Contrôlées
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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE REMOVAL/INSTALLATION	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 232	PAGE ACS 4

LOCATION Cabin Floor to Top of Sidewall RH Sta X182.00 to X424.12

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	FA-BA-AB-AA - First Aid Kit	First Aid Kit

GUIDELINE

1. Remove and route to ALSE Shop for shop inspection.
2. Install serviceable item.

CT142 DASH 8		PHASE SURVEY	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 112	PAGE ACS 9

LOCATION Nose Compartment RH Underfloor STN. X66.00 to X110.00

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	FA-AA-AA-AA - Oxygen Systems - Fixed - Flight Compartment	Oxygen Systems - Fixed - Flight Compartment

GUIDELINE

1. Ensure access panel 112AR is open.
2. Carry out a general visual inspection of the flight compartment fixed oxygen system oxygen cylinder, charging valve and intermediate pressure regulator /relief valve assembly for condition and security.
3. Carry out a general visual inspection of the flight compartment fixed oxygen system interconnecting high and low pressure oxygen lines, fittings and attaching hardware for condition and security.
4. Ensure all oxygen lines are clearly and correctly labelled.

Non-Controlled Goods / Marchandises Non-Contrôlées
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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE SURVEY	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 211	PAGE ACS 34

LOCATION Flight Compartment Above Floor STN. X111.00 to X182.00

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	FA-BA-AD-AA - Cockpit	Escape Rope
2.	FA-BA-AD-AA - Cockpit	Box Assy - Escape Rope

GUIDELINE

1. Do an general visual inspection of cockpit escape rope and escape rope box assembly.

Non-Controlled Goods / Marchandises Non-Contrôlées
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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE SURVEY	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 230/240	PAGE ACS 39

LOCATION Upper Fuselage (STN. X182.00 to X424.12); and
 Upper Fuselage (STN. X424.12 to X545.50)

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	AA-AA-BA-CA-AJ-AA - Rail - Seat (Cabin) LH Inbd	Rail - Seat (Cabin) LH Inbd
2.	AA-AA-BA-CA-AJ-AB - Rail - Seat (Cabin) LH Outbd	Rail - Seat (Cabin) LH Outbd
3.	AA-AA-BA-CA-AJ-AC - Rail - Seat (Cabin) RH Inbd	Rail - Seat (Cabin) RH Inbd
4.	AA-AA-BA-CA-AJ-AD - Rail - Seat (Cabin) RH Outbd	Rail - Seat (Cabin) RH Outbd
5.	AA-AA-BA-DA-AF-AA - Rail - Seat (Cabin) LH Inbd	Rail - Seat (Cabin) LH Inbd
6.	AA-AA-BA-DA-AF-AB - Rail - Seat (Cabin) LH Outbd	Rail - Seat (Cabin) LH Outbd
7.	AA-AA-BA-DA-AF-AC - Rail - Seat (Cabin) RH Inbd	Rail - Seat (Cabin) RH Inbd
8.	AA-AA-BA-DA-AF-AD - Rail - Seat (Cabin) RH Outbd	Rail - Seat (Cabin) RH Outbd

GUIDELINE

1. Clean
2. Carry out a general visual inspection for condition and security.
3. Lubricate with aerosol graphite.

Non-Controlled Goods / Marchandises Non-Contrôlées
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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE SURVEY	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 1-2	ZONE 232/242/250	PAGE ACS 43

LOCATION Cabin Floor to Top of Sidewall RH Sta X182.00 to X424.12
Cabin Floor to Top of Sidewall RH Sta X424.12 to X545.50
Fuselage Sta X545.50 to X653.34

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	FA-AA-AA-BA - NTS Crew Oxygen	NTS Crew Oxygen

GUIDELINE

1. Carry out a general visual inspection of the NTS crew fixed oxygen system oxygen cylinder, charging valve, baggage compartment mounted pressure gauge and intermediate pressure regulator/relief valve assembly for condition and security.
2. Carry out a general visual inspection of the NTS crew fixed oxygen system interconnecting high and low pressure oxygen lines, fittings and attaching hardware for condition and security.
3. Ensure all oxygen lines are clearly and correctly labelled.

Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE SYSTEM FUNCTIONAL	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 2	ZONE 262/419/429	PAGE ACS 180

LOCATION Rear Root Fairing, Rear of Rear Spar STN. X424.12
Nacelle Rear Section (Including exhaust pipe and shroud) - Engine and Nacelle LH
Nacelle Rear Section (Including exhaust pipe and shroud) - Engine and Nacelle RH

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	AA-FA-AA - Fire Detection/Protection Systems - Engine	Fire Detection/Protection Systems - Engine

GUIDELINE

Carry out a system check of the Engine Fire Extinguisher Discharge Lines as follows:

Refer to Figure 1.

Note: This procedure is applicable to the No. 1 Engine and No. 2 Engine Fire Extinguisher Discharge Lines.

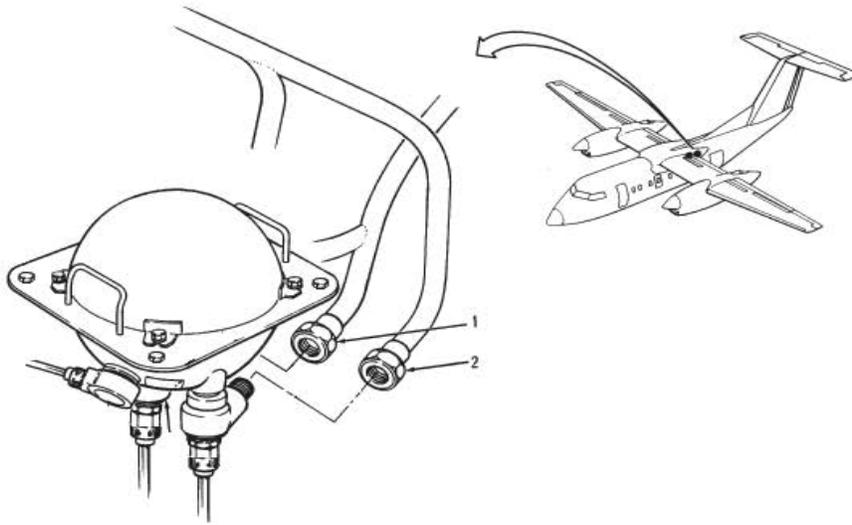
1. Connect a moisture free pressure air supply line with regulator and gage to discharge line (1).
2. Apply 50 psig pressure to discharge line and check air is emitted from each 10 nozzle in 4 nacelle zones and check for leaks around connections.
3. Connect pressure air line to second discharge line (2) and repeat step (2).
4. Connect air pressure line to system discharge line and remove discharge indicator (YELLOW DISC) (refer to C-12-142-000/MF-002, 26-20-21-01).
5. Apply 25 psig pressure. Check indicator piston operates. Check for leaks. Connect system discharge line and install discharge indicator disc (refer to C-12-142-000/MF-002, 26-20-21-01).
6. Remove thermal discharge indicator disc (RED) (refer to C-12-142-000/MF-002, 26-20-21-02) and check line to thermal discharge port on fire bottle is clear.
7. Install thermal discharge indicator disc (refer to C-12-142-000/MF-002, 26-20-21-02).

Sheet 1 of 2

Non-Controlled Goods / Marchandises Non-Contrôlées
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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE SYSTEM FUNCTIONAL	CONSOLIDATED PERIODIC	
SERIES	PAGE	FREQUENCY 2	ZONE 262/419/429	PAGE ACS 180



Engine Fire Extinguisher Discharge Lines
Figure 1

Sheet 2 of 2

Non-Controlled Goods / Marchandises Non-Contrôlées
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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE SURVEY	CONSOLIDATED SUPPLEMENTARY	
SERIES	PAGE	FREQUENCY 1-2-3	ZONE 114/710	PAGE AVN 45

LOCATION 114 - Nose Landing Gear Well
710 - Nose Gear and Doors

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	AA-EA-BA-AA-AD - Switch - Proximity (WOW) NLG WOW1	Switch - Proximity (Weight on Wheel)
2.	AA-EA-BA-AA-AE - Switch - Proximity (WOW) NLG WOW2	Switch - Proximity (Weight on Wheel)
3.	AA-EA-BA-AA-AF - Switch - Proximity (Downlock) NLG	Switch - Proximity (Downlock)
4.	AA-EA-BA-AA-AG - Switch - Proximity (Uplock) NLG	Switch - Proximity (Uplock)
5.	AA-EA-BA-AA-AH - Switch - Proximity (Wheel Doors) NLG	Switch - Proximity (Wheel Doors)

GUIDELINE

1. Carry out a general visual inspection of the Nose Landing Gear Proximity Switches for condition and security.

Non-Controlled Goods / Marchandises Non-Contrôlées
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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE REMOVAL/INSTALLATION	CONSOLIDATED SUPPLEMENTARY	
SERIES	PAGE	FREQUENCY 1-2-3	ZONE 113	PAGE AVS 1

LOCATION 113 - Nose Compartment LH Underfloor STN. X 66.00 to X 110.00

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	CA-JA-AA-AA-AA-AA-AA - BATTERY 43 AMP/HR (SLA)	BATTERY 43 AMP/HR (SLA)
2.	CA-JA-AA-AA-AA-AB-AA - BATTERY 43 AMP/HR (SLA)	BATTERY 43 AMP/HR (SLA)

GUIDELINE

1. Remove electrical power from the aircraft (refer to C-12-142-000/MF-002, Chapter 12).

WARNING

**THE FOLLOWING PROCEDURE CONTAINS HAZARDOUS STEPS.
 READ AND ADHERE TO ALL WARNINGS, CAUTIONS AND NOTES
 IN C-12-142-000/MF-002, 24-32-00-04 AND 24-32-00-06.**

2. Remove the main and auxiliary batteries IAW C-12-142-000/MF-002, 24-32-00-04 and 24-32-00-06.
3. Route batteries for shop inspection IAW C-12-142-000/NE-001, Volume 1, Part 2, Section 1, Sub-Section 2.
4. Install serviceable main and auxiliary batteries IAW C-12-142-000/MF-002, 24-32-00-05 and 24-32-00-07.

Non-Controlled Goods / Marchandises Non-Contrôlées
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Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE SURVEY	CONSOLIDATED SUPPLEMENTARY	
SERIES	PAGE	FREQUENCY 1-2-3	ZONE 410	PAGE AVS 13

LOCATION 410 - Engine and Nacelle LH

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	BA-AA-AA-AA-AA-AA - Reduction Gearbox	Transducer (Prop Balance Monitoring Sys) (Meter, Air Velocity)

GUIDELINE

1. Carry out a general visual inspection on the transducer and mount for security and proper attachment. Inspect connector harness for proper routing, security, evidence of chafing and proper attachment to the transducer and nacelle connector.

CT142 DASH 8		PHASE SURVEY	CONSOLIDATED SUPPLEMENTARY	
SERIES	PAGE	FREQUENCY 1-2-3	ZONE 420	PAGE AVS 15

LOCATION 420 - Engine and Nacelle RH

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	BA-AA-AB-AA-AA-AA - Reduction Gearbox	Transducer (Prop Balance Monitoring Sys) (Meter, Air Velocity)

GUIDELINE

1. Carry out a general visual inspection on the transducer and mount for security and proper attachment. Inspect connector harness for proper routing, security, evidence of chafing and proper attachment to the transducer and nacelle connector.

Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE SYSTEM FUNCTIONAL	CONSOLIDATED SUPPLEMENTARY	
SERIES	PAGE	FREQUENCY 1-2-3	ZONE 211/232/242	PAGE AVS 23

LOCATION 211 - Flight Compartment Above Floor STN. X110.00 to X182.00
 232 - Cabin Floor to Top of Sidewall RH STN. X182.00 to X424.12
 242 - Cabin Floor to Top of Sidewall RH STN. X424.12 to X545.50

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	CA-AA-AA-AA - HF System #1 KHF950 (King)	HF System #1 KHF950 (King)

GUIDELINE

1. Carry out a functional check of the HF Communications System IAW C-12-142-000/MF-002, 23-10-02-08 and 23-10-02-09.

CT142 DASH 8		PHASE SYSTEM FUNCTIONAL	CONSOLIDATED SUPPLEMENTARY	
SERIES	PAGE	FREQUENCY 3	ZONE 211	PAGE AVS 29

LOCATION 211 - Flight Compartment Above Floor STN. X110.00 to X182.00

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	CA-KA-AA - AN/APX100(V) IFF/SIF	AN/APX100(V) IFF/SIF

GUIDELINE

1. Carry out a functional check of the AN/APX100(V) IFF/SIF IAW C-12-142-000/MF-002, 34-52-05-08, 34-52-05-09, 34-52-05-10 and 34-52-05-11.

Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE REMOVAL/INSTALLATION	CONSOLIDATED SUPPLEMENTARY	
SERIES	PAGE	FREQUENCY 1-2-3	ZONE 211/230/240	PAGE ACS 3

LOCATION 211 - Flight Compartment Above Floor STN. X110.00 to X182.00
 230 - Fuselage STN. X182.00 to X424.12
 240 - Fuselage STN. X424.12 to X545.50

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	FA-AA-AB-AA - Portable Cylinder Assy - Cockpit	Mask Assy Smoke
2.	FA-AA-AB-AB - Portable Cylinder Assy - Secondary Avionics Closet	Mask Assy Smoke
3.	FA-AA-AB-AC - Portable Cylinder Assy - Aft Bulkhead LH	Mask Assy Smoke

GUIDELINE

1. Remove and identify to position.
2. Route to ALSE Shop for shop inspection.
3. Install serviceable items.

CT142 DASH 8		PHASE SYSTEM FUNCTIONAL	CONSOLIDATED SUPPLEMENTARY	
SERIES	PAGE	FREQUENCY 3	ZONE 211	PAGE AVS 29

LOCATION 211 - Flight Compartment Above Floor STN. X110.00 to X182.00

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	CA-KA-AA - AN/APX100(V) IFF/SIF	AN/APX100(V) IFF/SIF

GUIDELINE

1. Carry out a functional check of the AN/APX100(V) IFF/SIF IAW C-12-142-000/MF-002, 34-52-05-08, 34-52-05-09, 34-52-05-10 and 34-52-05-11.

Non-Controlled Goods / Marchandises Non-Contrôlées

CT142 DASH 8		PHASE SURVEY	CONSOLIDATED SUPPLEMENTARY	
SERIES	PAGE	FREQUENCY 1-2-3	ZONE 262/311	PAGE ACS 18

LOCATION 262 - Rear Root Fairing, Rear of Rear Spar STN. X424.12
 311 - Rear Fuselage STN. X653.34 to X807.12

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	AA-FA-AA-AA-AA - Container Assy, Fire Extinguisher - Engine	Container Assy, Fire Extinguisher - Engine
2.	AA-FA-AA-BA-AA - Container Assy, Fire Extinguisher - Engine	Container Assy, Fire Extinguisher - Engine
3.	AA-FA-BA-AB - Bottle Assy	Bottle Assy

GUIDELINE

1. Carry out a general visual inspection for dents, nicks, scratches, scores and corrosion. Dents deeper than 1/16 inch or scratches deeper than 0.0004 inch are not acceptable. Polish out minor damage using 600 to 800 grade aluminum oxide abrasive cloth.

CT142 DASH 8		PHASE SURVEY	CONSOLIDATED SUPPLEMENTARY	
SERIES	PAGE	FREQUENCY 1-2-3	ZONE 312/352	PAGE ACS 20

LOCATION 312 - Rear Fuselage STN. X807.12 to X861.00
 352 - Dorsal Fin STN X503.50 to X653.34

INSPECTION ITEM

ITEM	DRMIS ID (FLOC OR EMR)	INSPECTION ITEM NAME (BOM ITEM)
1.	AA-AA-CA-AA-AB-AI - Tailcone Assy	Tailcone Assy
2.	AA-AA-CA-BA-AA-AI - Fairings	Fairing Instl - Dorsal Fin To Vertical Stabilizer Leading Edge

GUIDELINE

1. Carry out a general visual inspection of Tailcone structure and Dorsal Fin To Vertical Stabilizer Leading Edge Fairing structure for condition and security.

Periodic Inspection - MRBR Cross-Reference

DND Task Number	Task Type	Task Details	Interval
AVN-1	Preparatory	Safety Aircraft	1-2
AVN-2	Preparatory	Drain & Purge Fuel System	1-2
AVN-3	Preparatory	Set Circuit Breakers	2
AVN-4	Preparatory	Remove/Open Panels (Zone 110/120)	1-2
AVN-5	Preparatory	Remove/Open Panels (Zone 130/140)	1-2
AVN-6	Preparatory	Remove Technical Publications	1-2
AVN-7	Preparatory	Remove Wardrobe	1-2
AVN-8	Preparatory	Remove Navigation Training Consoles	1-2
AVN-9	Preparatory	Remove/Open Panels (Zone 210/260)	1-2
AVN-10	Preparatory	Remove/Open Panels (Zone 230/240/250/260)	1-2
AVN-11	Preparatory	Remove Lavatory	2
AVN-12	Preparatory	Remove/Open Panels (Zone 230/240)	2
AVN-13	Preparatory	Remove/Open Panels (Zone 310/320/330/340/350)	1-2
AVN-14	Preparatory	Remove/Open Panels (Zone 320/330/340/350)	2
AVN-15	MRBR	Task 7100/01	1-2
AVN-16	Preparatory	Remove/Open Panels (Zone 410/420)	1-2
AVN-17	Preparatory	Remove/Open Panels (Zone 410/420)	2
AVN-18	Preparatory	Remove/Open Panels (Zone 510/520/530/540)	1-2
AVN-19	MRBR	Task 2750/18 (LH)	1-2
AVN-20	Preparatory	Remove/Open Panels (Zone 510/520)	2
AVN-21	Preparatory	Remove/Open Panels (Zone 610/620/630/640)	1-2
AVN-22	MRBR	Task 2750/18 (RH)	1-2
AVN-23	Preparatory	Remove/Open Panels (Zone 610/620)	2
AVN-24	MRBR	Task 2160/03	2
AVN-25	MRBR	Task 2160/04	1-2
AVN-26	MRBR	Task 2120/02	1-2
AVN-27	MRBR	Task 2130/01	1-2
AVN-28	MRBR	Task 2130/05	1-2
AVN-29	MRBR	Task 2110/02	1-2
AVN-30	MRBR	Task 2110/03	1-2
AVN-31	MRBR	Task 2750/02 (LH) (Removal, Lubrication)	1-2

Periodic Inspection - MRBR Cross-Reference

DND Task Number	Task Type	Task Details	Interval
AVN-32	MRBR	Task 2750/15 (LH)	1-2
AVN-33	MRBR	Task 2750/02 (RH) (Removal, Lubrication)	1-2
AVN-34	MRBR	Task 2750/15 (RH)	1-2
AVN-35	MRBR	Task 2920/04	2
AVN-36	DND	Remove, Clean, GVI Air Inlet Duct Assy	1-2
AVN-37	MRBR	Task 2120/03	1-2
AVN-38	MRBR	Task 2150/05	1-2
AVN-39	MRBR	Task 4910/10	1-2
AVN-40	MRBR	Task 4920/04(1)	1-2
AVN-41	MRBR	Task 4920/09	1-2
AVN-42	MRBR	Task 4950/01	1-2
AVN-43	MRBR	Task 4930/02(2)	1-2
AVN-44	DND	Remove, GVI APU HP Fuel Pump Filter	1-2
AVN-45	MRBR	Task 4980/01 & 4980/02(1)	1-2
AVN-46	MRBR	Task 2150/04	2
AVN-47	MRBR	Task 2770/03	1-2
AVN-48	MRBR	Task 2110/01 (LH)	1-2
AVN-49	MRBR	Task 2110/04 (LH)	1-2
AVN-50	MRBR	Task 2420/14 (LH)	1-2
AVN-51	MRBR	Task 2910/03 (LH)	1-2
AVN-52	MRBR	Task 2910/06 (LH)	1-2
AVN-53	MRBR	Task 2910/10 (LH)	1-2
AVN-54	MRBR	Task 3230/18 (LH)	1-2
AVN-55	MRBR	Task 7810/03 (LH)	1-2
AVN-56	MRBR	Task 7810/06 (LH)	1-2
AVN-57	MRBR	Task 7810/07 (LH)	1-2
AVN-58	MRBR	Task 2930/01 (LH)	2
AVN-59	MRBR	Task 2110/01 (RH)	1-2
AVN-60	MRBR	Task 2110/04 (RH)	1-2
AVN-61	MRBR	Task 2420/14 (RH)	1-2
AVN-62	MRBR	Task 2910/03 (RH)	1-2

Periodic Inspection - MRBR Cross-Reference

DND Task Number	Task Type	Task Details	Interval
AVN-63	MRBR	Task 2910/06 (RH)	1-2
AVN-64	MRBR	Task 2910/10 (RH)	1-2
AVN-65	MRBR	Task 3230/18 (RH)	1-2
AVN-66	MRBR	Task 7810/03 (RH)	1-2
AVN-67	MRBR	Task 7810/06 (RH)	1-2
AVN-68	MRBR	Task 7810/07 (RH)	1-2
AVN-69	MRBR	Task 2930/01 (RH)	2
AVN-70	MRBR	Task 2820/03 (LH)	2
AVN-71	MRBR	Task 2820/03 (RH)	2
AVN-72	MRBR	Task 3230/21	1-2
AVN-73	MRBR	Task Zonal 112 (Mechanical Systems)	1-2
AVN-74	MRBR	Task Zonal 114 (Mechanical Systems)	1-2
AVN-75	MRBR	Task 7610/05	1-2
AVN-76	DND	Verify Roll Spoilers Control System cable tensions and system rigging	2
AVN-77	DND	Verify Rudder Control System cable tensions and system rigging	2
AVN-78	DND	Verify Elevator Control System cable tensions and system rigging	2
AVN-79	DND	Verify Elevator Trim System cable tensions and system rigging	2
AVN-80	DND	Verify Flap Control System cable tensions and system rigging	2
AVN-81	DND	Verify Aileron Control System cable tensions and system rigging	2
AVN-82	DND	Check rigging and tension of #1 & #2 Engine Power and Condition Control Systems	2
AVN-83	MRBR	Task 2760/09 (Zone 121)	1-2
AVN-84	MRBR	Task 2770/04 (Zone 121)	1-2
AVN-85	MRBR	Task Zonal 121 (Mechanical Systems)	1-2
AVN-86	MRBR	Task 2720/06 (Zone 121/122)	1-2
AVN-87	MRBR	Task 2730/18 (Zone 121/122)	1-2
AVN-88	MRBR	Task 2730/21	1-2
AVN-89	MRBR	Task 2760/13	2
AVN-90	MRBR	Task 2710/04	1-2
AVN-91	MRBR	Task Zonal 122 (Mechanical Systems)	1-2
AVN-92	MRBR	Task 2710/02 (Zone 122/211)	1-2
AVN-93	MRBR	Task 2710/03	1-2

Periodic Inspection - MRBR Cross-Reference

DND Task Number	Task Type	Task Details	Interval
AVN-94	MRBR	Task 2730/04 (Zone 122/211)	1-2
AVN-95	MRBR	Task Zonal 131 (Mechanical Systems)	1-2
AVN-96	MRBR	Task 2720/07 (Zone 131/132)	2
AVN-97	MRBR	Task 2730/20 (Zone 131/132)	2
AVN-98	MRBR	Task 2760/11 (Zone 131/141)	2
AVN-99	MRBR	Task Zonal 132 (Mechanical Systems)	1-2
AVN-100	MRBR	Task Zonal 133 (Mechanical Systems)	1-2
AVN-101	MRBR	Task 2720/06 (Zone 133/144/145)	1-2
AVN-102	MRBR	Task Zonal 141 (Mechanical Systems)	1-2
AVN-103	MRBR	Task 2720/07 (Zone 141/142/144)	2
AVN-104	MRBR	Task 2730/20 (Zone 141/142/144)	2
AVN-105	MRBR	Task Zonal 142 (Mechanical Systems)	1-2
AVN-106	MRBR	Task Zonal 144 (Mechanical Systems)	1-2
AVN-107	MRBR	Task 2730/18 (Zone 144/145)	1-2
AVN-108	MRBR	Task 2760/09 (Zone 144/145/251)	1-2
AVN-109	MRBR	Task 2760/11 (Zone 144/251)	2
AVN-110	MRBR	Task Zonal 145 (Mechanical Systems)	1-2
AVN-111	MRBR	Task 3230/19 (Zone 211)	1-2
AVN-112	MRBR	Task Zonal 211 (Mechanical Systems)	2
AVN-113	MRBR	Task 3230/20 (Zone 211/230)	2
AVN-114	MRBR	Task Zonal 222	1-2
AVN-115	MRBR	Task Zonal 224	1-2
AVN-116	DND	Internal/External GVI of all Cabin Overhead Bins	1-2
AVN-117	MRBR	Task 3230/19 (Zone 230/261)	1-2
AVN-118	MRBR	Task 3230/20 (Zone 230/261)	2
AVN-119	MRBR	Task 2770/04 (Zone 233/262)	1-2
AVN-120	MRBR	Task Zonal 233 (Mechanical Systems)	2
AVN-121	MRBR	Task 2770/05 (Zone 233/243/262)	2
AVN-122	MRBR	Task Zonal 234 (Mechanical Systems)	2
AVN-123	MRBR	Task 2710/05	2
AVN-124	MRBR	Task Zonal 235 (Mechanical Systems)	2

Periodic Inspection - MRBR Cross-Reference

DND Task Number	Task Type	Task Details	Interval
AVN-125	MRBR	Task 2760/09 (Zone 243/262)	1-2
AVN-126	MRBR	Task 2760/11 (Zone 243)	2
AVN-127	MRBR	Task Zonal 243 (Mechanical Systems)	2
AVN-128	MRBR	Task 2710/02 (Zone 244/262)	1-2
AVN-129	MRBR	Task Zonal 244 (Mechanical Systems)	2
AVN-130	MRBR	Task Zonal 245 (Mechanical Systems)	2
AVN-131	MRBR	Task 2130/02	1-2
AVN-132	MRBR	Task Zonal 261 (Mechanical Systems)	1-2
AVN-133	MRBR	Task 3230/20 (Zone 261/511/521/522)	2
AVN-134	MRBR	Task 3230/20 (Zone 261/611/621/622)	2
AVN-135	MRBR	Task 2750/13	1-2
AVN-136	MRBR	Task 2750/16	1-2
AVN-137	MRBR	Task 2760/10 (Zone 262)	1-2
AVN-138	MRBR	Task Zonal 262 (Mechanical Systems)	1-2
AVN-139	MRBR	Task Zonal 263 (Mechanical Systems)	1-2
AVN-140	MRBR	Task Zonal 264 (Mechanical Systems)	1-2
AVN-141	MRBR	Task 2120/06	1-2
AVN-142	MRBR	Task 2730/04 (Zone 311)	1-2
AVN-143	MRBR	Task 4920/10	1-2
AVN-144	MRBR	Task 4910/01	1-2
AVN-145	MRBR	Task 4910/02	1-2
AVN-146	MRBR	Task 4910/03	1-2
AVN-147	MRBR	Task 4910/04	1-2
AVN-148	MRBR	Task 4910/06	1-2
AVN-149	MRBR	Task 4950/02	1-2
AVN-150	MRBR	Task Zonal 311 (Mechanical Systems)	1-2
AVN-151	MRBR	Task 2730/19	1-2
AVN-152	MRBR	Task 2720/06 (Zone 311/322)	1-2
AVN-153	MRBR	Task 2730/18 (Zone 311/322)	1-2
AVN-154	MRBR	Task Zonal 312 (Mechanical Systems)	1-2
AVN-155	MRBR	Task Zonal 321 (Mechanical Systems)	1-2

Periodic Inspection - MRBR Cross-Reference

DND Task Number	Task Type	Task Details	Interval
AVN-156	MRBR	Task 2770/04 (Zone 321/322)	1-2
AVN-157	MRBR	Task 2770/05 (Zone 321/350)	2
AVN-158	MRBR	Task Zonal 322 (Mechanical Systems)	1-2
AVN-159	MRBR	Task Zonal 325 (Mechanical Systems)	2
AVN-160	MRBR	Task Zonal 331 (Mechanical Systems)	2
AVN-161	MRBR	Task 2730/03 & 2730/04 (Zone 332/342)	1-2
AVN-162	MRBR	Task Zonal 332 (Mechanical Systems)	2
AVN-163	MRBR	Task 2730/02	1-2
AVN-164	MRBR	Task Zonal 341 (Mechanical Systems)	2
AVN-165	MRBR	Task Zonal 342 (Mechanical Systems)	2
AVN-166	DND	Check rigging of LH Engine & Nacelle Power and Condition Control Systems	1-2
AVN-167	MRBR	Task 7130/03 (LH)	1-2
AVN-168	MRBR	Task 7130/01 (LH)	1-2
AVN-169	MRBR	Task 7810/08 (LH)	1-2
AVN-170	MRBR	Task Zonal 419 (Mechanical Systems)	1-2
AVN-171	MRBR	Task 3230/19 (LH)	1-2
AVN-172	MRBR	Task 2710/02 (Zone 419/531/532)	1-2
AVN-173	DND	Check rigging of RH Engine & Nacelle Power and Condition Control Systems	1-2
AVN-174	MRBR	Task 7130/03 (RH)	1-2
AVN-175	MRBR	Task 7130/01 (RH)	1-2
AVN-176	MRBR	Task 7810/08 (RH)	1-2
AVN-177	MRBR	Task Zonal 429 (Mechanical Systems)	1-2
AVN-178	MRBR	Task 3230/19 (RH)	1-2
AVN-179	MRBR	Task 2710/02 (Zone 429/631/632)	1-2
AVN-180	MRBR	Task Zonal 511 (Mechanical Systems)	1-2
AVN-181	MRBR	Task Zonal 512 (Mechanical Systems)	1-2
AVN-182	MRBR	Task Zonal 513 (Mechanical Systems)	2
AVN-183	MRBR	Task Zonal 521 (LH) (Mechanical Systems)	2
AVN-184	MRBR	Task FSL-02(3) (LH)	1-2
AVN-185	MRBR	Task FSL-17(3) (LH)	1-2
AVN-186	MRBR	Task FSL-04 (LH)	1-2

Periodic Inspection - MRBR Cross-Reference

DND Task Number	Task Type	Task Details	Interval
AVN-187	MRBR	Task FSL-05 (LH) (Functional Check)	1-2
AVN-188	MRBR	Task FSL-06 (LH)	1-2
AVN-189	MRBR	Task FSL-07 (LH) (Functional Check)	1-2
AVN-190	MRBR	Task FSL-08 (LH) (Functional Check)	1-2
AVN-191	MRBR	Task FSL-09 (LH) (Functional Check)	1-2
AVN-192	MRBR	Task Zonal 522 (Mechanical Systems)	2
AVN-193	MRBR	Task Zonal 523 (Mechanical Systems)	2
AVN-194	MRBR	Task 2810/02 (LH)	2
AVN-195	MRBR	Task 2810/05 (LH)	1-2
AVN-196	MRBR	Task FSL-18 (LH)	1-2
AVN-197	MRBR	Task 2810/01 (LH)	2
AVN-198	MRBR	Task Zonal 524 (Mechanical Systems)	2
AVN-199	MRBR	Task Zonal 525 (Mechanical Systems)	2
AVN-200	MRBR	Task Zonal 531 (Mechanical Systems)	1-2
AVN-201	MRBR	Task 2760/10 (Zone 532)	1-2
AVN-202	MRBR	Task Zonal 532 (Mechanical Systems)	1-2
AVN-203	MRBR	Task FSL-03 (LH)	1-2
AVN-204	MRBR	Task Zonal 611 (Mechanical Systems)	1-2
AVN-205	MRBR	Task Zonal 612 (Mechanical Systems)	1-2
AVN-206	MRBR	Task Zonal 613 (Mechanical Systems)	2
AVN-207	MRBR	Task Zonal 521 (RH) (Mechanical Systems)	2
AVN-208	MRBR	Task FSL-02(3) (RH)	1-2
AVN-209	MRBR	Task FSL-17(3) (RH)	1-2
AVN-210	MRBR	Task FSL-04 (RH)	1-2
AVN-211	MRBR	Task FSL-05 (RH) (Functional Check)	1-2
AVN-212	MRBR	Task FSL-06 (RH)	1-2
AVN-213	MRBR	Task FSL-07 (RH) (Functional Check)	1-2
AVN-214	MRBR	Task FSL-08 (RH) (Functional Check)	1-2
AVN-215	MRBR	Task FSL-09 (RH) (Functional Check)	1-2
AVN-216	MRBR	Task Zonal 622 (Mechanical Systems)	2
AVN-217	MRBR	Task Zonal 623 (Mechanical Systems)	2

Periodic Inspection - MRBR Cross-Reference

DND Task Number	Task Type	Task Details	Interval
AVN-218	MRBR	Task 2810/02 (RH)	2
AVN-219	MRBR	Task 2810/05 (RH)	1-2
AVN-220	MRBR	Task FSL-18 (RH)	1-2
AVN-221	MRBR	Task 2810/01 (RH)	2
AVN-222	MRBR	Task Zonal 624 (Mechanical Systems)	2
AVN-223	MRBR	Task Zonal 625 (Mechanical Systems)	2
AVN-224	MRBR	Task Zonal 631 (Mechanical Systems)	1-2
AVN-225	MRBR	Task 2760/10 (Zone 632)	1-2
AVN-226	MRBR	Task Zonal 632 (Mechanical Systems)	1-2
AVN-227	MRBR	Task FSL-03 (RH)	1-2
AVN-228	MRBR	Task 3220/12	1-2
AVN-229	MRBR	Task 3210/06 (LH)	1-2
AVN-230	MRBR	Task 3210/15 (LH)	1-2
AVN-231	MRBR	Task 3210/06 (RH)	1-2
AVN-232	MRBR	Task 3210/15 (RH)	1-2
AVN-233	MRBR	Task 2760/14	1-2
AVN-234	MRBR	Task 2130/04	1-2
AVN-235	MRBR	Task 2130/07	1-2
AVN-236	MRBR	Task 2750/02 (Operational test following installation)	1-2
AVN-237	MRBR	Task 2760/07	1-2
AVN-238	MRBR	Task 2820/02	1-2
AVN-239	DND	Hydraulic Fluid Sampling - #1 and #2 Hydraulic Systems	1-2
AVN-240	DND	Functional test of the Landing Gear Extension/Retraction System	1-2
AVN-241	MRBR	Task 3260/02	1-2
AVN-242	MRBR	Task 2730/06	1-2
AVN-243	MRBR	Task 3240/10	1-2
AVN-244	MRBR	Task 2920/05(2)	2
AVN-245	MRBR	Task 2750/01	2
AVN-246	MRBR	Task 2820/05	2
AVN-247	MRBR	Task 6120/06	2
AVN-248	MRBR	Task 2840/01	2

Periodic Inspection - MRBR Cross-Reference

DND Task Number	Task Type	Task Details	Interval
AVN-249	MRBR	Task 2750/12	2
AVN-250	MRBR	Task 3230/17	2
AVN-251	MRBR	Task 4910/05	1-2
AVN-252	MRBR	Task 2720/02	1-2
AVN-253	MRBR	Task 2820/06	2
AVN-254	MRBR	Task 2840/02	2
AVN-255	MRBR	Task 2840/03	2
AVN-256	MRBR	Task 2110/08	1-2
AVN-257	MRBR	Task 2130/03	1-2
AVN-258	DND	Operational test of DC Generators	1-2
AVN-259	DND	Operational test of the Transformer Rectifier Units	1-2
AVN-260	DND	Test of the AC Frequency Generator System	1-2
AVN-261	MRBR	Task 6120/04	2
AVN-262	Final Closeout	De-safety Aircraft	1-2
AVN-263	Final Closeout	Refuel Aircraft	1-2
AVN-264	DND	Carry out Aircraft Weight & Balance	1-2
AVN-265	Final Closeout	Reset Circuit Breakers	2
AVN-266	Final Closeout	Install Close Panels (Zone 110/120)	1-2
AVN-267	Final Closeout	Install Close Panels (Zone 130/140)	1-2
AVN-268	Final Closeout	Install Close Panels (Zone 210/260)	1-2
AVN-269	Final Closeout	Install Close Panels (Zone 230/240/250/260)	1-2
AVN-270	Final Closeout	Install Navigation Training Consoles	1-2
AVN-271	Final Closeout	Install Wardrobe	1-2
AVN-272	Final Closeout	Install Technical Publications	1-2
AVN-273	Final Closeout	Install Close Panels (Zone 230/240)	2
AVN-274	Final Closeout	Install Lavatory	2
AVN-275	Final Closeout	Install Close Panels (Zone 310/320/330/340/350)	1-2
AVN-276	Final Closeout	Install Close Panels (Zone 320/330/340/350)	2
AVN-277	Final Closeout	Install Close Panels (Zone 410/420)	1-2
AVN-278	Final Closeout	Install Close Panels (Zone 410/420)	2
AVN-279	Final Closeout	Install Close Panels (Zone 510/520/530/540)	1-2

Periodic Inspection - MRBR Cross-Reference

DND Task Number	Task Type	Task Details	Interval
AVN-280	Final Closeout	Install Close Panels (Zone 510/520)	2
AVN-281	Final Closeout	Install Close Panels (Zone 610/620/630/640)	1-2
AVN-282	Final Closeout	Install Close Panels (Zone 610/620)	2
AVS-1	MRBR	Task 2430/11 (Remove, Route to AVS Labs for Shop Inspection)	2
AVS-2	MRBR	Task 2430/14 (Remove, Route to AVS Labs for Shop Inspection)	2
AVS-3	MRBR	Task 3320/01 (Cabin Overhead Fluorescent Light Tubes) (Remove, Inspect)	1-2
AVS-4	MRBR	Task 3320/03 (Remove, Inspect)	1-2
AVS-5	MRBR	Task 3320/01 (NTS Console Fluorescent Light Tubes) (Remove, Inspect)	1-2
AVS-6	MRBR	Task 2420/05 (Remove, Route to OEM (Leach Relay Division) for functional testing)	2
AVS-7	MRBR	Task Zonal 111	1-2
AVS-8	MRBR	Task Zonal 112 (EWIS)	1-2
AVS-9	MRBR	Task Zonal 113 (Mechanical Systems)	1-2
AVS-10	MRBR	Task Zonal 114 (EWIS)	1-2
AVS-11	MRBR	Task Zonal 121 (EWIS)	1-2
AVS-12	MRBR	Task Zonal 122 (EWIS)	1-2
AVS-13	MRBR	Task EWIS 122X1	2
AVS-14	MRBR	Task Zonal 131 (EWIS)	1-2
AVS-15	MRBR	Task EWIS 131X1	2
AVS-16	MRBR	Task EWIS 131X2	2
AVS-17	MRBR	Task EWIS 131X3	2
AVS-18	MRBR	Task Zonal 132 (EWIS)	1-2
AVS-19	MRBR	Task EWIS 132X1	2
AVS-20	MRBR	Task Zonal 133 (EWIS)	1-2
AVS-21	MRBR	Task EWIS 133X1	2
AVS-22	MRBR	Task Zonal 141 (EWIS)	1-2
AVS-23	MRBR	Task EWIS 141X1	2
AVS-24	MRBR	Task Zonal 142 (EWIS)	1-2
AVS-25	MRBR	Task EWIS 142X1	2
AVS-26	MRBR	Task Zonal 143 (EWIS)	1-2
AVS-27	MRBR	Task Zonal 144 (EWIS)	1-2
AVS-28	MRBR	Task EWIS 144X1	2

Periodic Inspection - MRBR Cross-Reference

DND Task Number	Task Type	Task Details	Interval
AVS-29	MRBR	Task Zonal 145 (EWIS)	1-2
AVS-30	MRBR	Task Zonal 211 (Mechanical Systems)	2
AVS-31	MRBR	Task Zonal 211 (EWIS)	2
AVS-32	MRBR	Task EWIS 211X1	2
AVS-33	MRBR	Task EWIS 211X2	2
AVS-34	MRBR	Task EWIS 211X3	2
AVS-35	MRBR	Task Zonal 212 (Mechanical Systems)	1-2
AVS-36	MRBR	Task Zonal 221	1-2
AVS-37	MRBR	Task Zonal 223	1-2
AVS-38	MRBR	Task Zonal 225	1-2
AVS-39	MRBR	Task EWIS 225X1	2
AVS-40	MRBR	Task EWIS 225X2	2
AVS-41	MRBR	Task Zonal 231 (EWIS)	2
AVS-42	MRBR	Task EWIS 231X1	2
AVS-43	MRBR	Task Zonal 232 (EWIS)	2
AVS-44	MRBR	Task EWIS 232X1	2
AVS-45	MRBR	Task Zonal 233 (EWIS)	2
AVS-46	MRBR	Task Zonal 234 (EWIS)	2
AVS-47	MRBR	Task Zonal 235 (EWIS)	2
AVS-48	MRBR	Task Zonal 241 (EWIS)	2
AVS-49	MRBR	Task Zonal 242 (EWIS)	2
AVS-50	MRBR	Task Zonal 243 (EWIS)	2
AVS-51	MRBR	Task Zonal 244 (EWIS)	2
AVS-52	MRBR	Task Zonal 245 (EWIS)	2
AVS-53	MRBR	Task Zonal 261 (EWIS)	1-2
AVS-54	MRBR	Task FSL-12 (LH) (Functional Check)	1-2
AVS-55	MRBR	Task FSL-12 (RH) (Functional Check)	1-2
AVS-56	MRBR	Task Zonal 262 (EWIS)	1-2
AVS-57	MRBR	Task EWIS 262X1	2
AVS-58	MRBR	Task EWIS 262X2	2
AVS-59	MRBR	Task Zonal 263 (EWIS)	1-2

Periodic Inspection - MRBR Cross-Reference

DND Task Number	Task Type	Task Details	Interval
AVS-60	MRBR	Task Zonal 264 (EWIS)	1-2
AVS-61	MRBR	Task Zonal 311 (EWIS)	1-2
AVS-62	MRBR	Task EWIS 311X1	2
AVS-63	MRBR	Task Zonal 312 (EWIS)	1-2
AVS-64	MRBR	Task Zonal 321 (EWIS)	1-2
AVS-65	MRBR	Task Zonal 322 (EWIS)	1-2
AVS-66	MRBR	Task Zonal 325 (Mechanical Systems)	2
AVS-67	MRBR	Task Zonal 331 (Electrical Systems)	2
AVS-68	MRBR	Task Zonal 341 (Electrical Systems)	2
AVS-69	MRBR	Task Zonal 419 (EWIS)	1-2
AVS-70	MRBR	Task EWIS 419X1	1-2
AVS-71	MRBR	Task EWIS 419X2	1-2
AVS-72	MRBR	Task Zonal 429 (EWIS)	1-2
AVS-73	MRBR	Task EWIS 429X1	1-2
AVS-74	MRBR	Task EWIS 429X2	1-2
AVS-75	MRBR	Task Zonal 511 (EWIS)	1-2
AVS-76	MRBR	Task EWIS 511X1	2
AVS-77	MRBR	Task Zonal 512 (EWIS)	1-2
AVS-78	MRBR	Task EWIS 512X1	2
AVS-79	MRBR	Task Zonal 513 (EWIS)	2
AVS-80	MRBR	Task Zonal 521 (LH & RH) (EWIS)	2
AVS-81	MRBR	Task FSL-13 (LH)	1-2
AVS-82	MRBR	Task FSL-14 (LH)	1-2
AVS-83	MRBR	Task Zonal 522 (EWIS)	2
AVS-84	MRBR	Task Zonal 523 (EWIS)	2
AVS-85	MRBR	Task Zonal 524 (EWIS)	2
AVS-86	MRBR	Task Zonal 525 (EWIS)	2
AVS-87	MRBR	Task Zonal 531 (EWIS)	1-2
AVS-88	MRBR	Task EWIS 531X1	2
AVS-89	MRBR	Task Zonal 532 (EWIS)	1-2
AVS-90	MRBR	Task Zonal 611 (EWIS)	1-2

Periodic Inspection - MRBR Cross-Reference

DND Task Number	Task Type	Task Details	Interval
AVS-91	MRBR	Task EWIS 611X1	2
AVS-92	MRBR	Task Zonal 612 (EWIS)	1-2
AVS-93	MRBR	Task EWIS 612X1	2
AVS-94	MRBR	Task Zonal 613 (EWIS)	2
AVS-95	MRBR	Task FSL-13 (RH)	1-2
AVS-96	MRBR	Task FSL-14 (RH)	1-2
AVS-97	MRBR	Task Zonal 622 (EWIS)	2
AVS-98	MRBR	Task Zonal 623 (EWIS)	2
AVS-99	MRBR	Task Zonal 624 (EWIS)	2
AVS-100	MRBR	Task Zonal 625 (EWIS)	2
AVS-101	MRBR	Task Zonal 631 (EWIS)	1-2
AVS-102	MRBR	Task EWIS 631X1	2
AVS-103	MRBR	Task Zonal 632 (EWIS)	1-2
AVS-104	DND	Operational check of the RT Cooling Fan	1-2
AVS-105	DND	Operational check of the Inertial Reference System DC Blower Assembly	1-2
AVS-106	MRBR	Task 2120/05	1-2
AVS-107	DND	Ground Proximity Warning System Manual Self-Test	1-2
AVS-108	MRBR	Task 2430/15	1-2
AVS-109	MRBR	Task 2430/16	1-2
AVS-110	MRBR	Task 2330/01	1-2
AVS-111	DND	Functional test of the Navigation Training System	1-2
AVS-112	DND	Test of the Engine Fire Extinguisher Circuits	1-2
AVS-113	MRBR	Task 2610/02	1-2
AVS-114	MRBR	Task 2420/06 & 2420/07	2
AVS-115	MRBR	Task 2430/11 (Operational check following installation)	2
AVS-116	MRBR	Task 2430/14 (Operational check following installation)	2
AVS-117	MRBR	Task 2430/19 & 2430/20 & 2430/21	2
AVS-118	MRBR	Task 2430/18	2
AVS-119	MRBR	Task 2430/17	2
AVS-120	MRBR	Task 2420/05 (Operational check after installation)	2
AVS-121	MRBR	Task 2430/10	2

Periodic Inspection - MRBR Cross-Reference

DND Task Number	Task Type	Task Details	Interval
AVS-122	MRBR	Task 3440/05	2
AVS-123	MRBR	Task 3320/03 (Operational test following installation)	1-2
AVS-124	MRBR	Task 2330/02	1-2
AVS-125	MRBR	Task 2120/04	1-2
AVS-126	MRBR	Task 3320/01 (Operational test following installation)	1-2
AVS-127	DND	Operational test of the NTS Console Fluorescent Lights	1-2
AVS-128	DND	Operational check of the Avionics Cabinet Assembly Cooling Fans	1-2
AVS-129	DND	Operational check of the Avionics Cooling Rack (NTS Computer Rack) Fans	1-2
AVS-130	MRBR	Task 3130/02	2
AVS-131	MRBR	Task 2730/05	1-2
AVS-132	MRBR	Task 7320/02	1-2
AVS-133	MRBR	Task 2430/04	2
ACS-1	Preparatory	Remove Life Support and Emergency Equipment	1-2
ACS-2	Preparatory	Disconnect Engine and APU Fire Bottle Squib Electrical Connectors and Install Shorting Devices	1-2
ACS-3	DND	Shop inspection of Smoke Goggles	1-2
ACS-4	DND	Shop inspection of First Aid Kit	1-2
ACS-5	MRBR	Task Zonal 823	1-2
ACS-6	MRBR	Task Zonal 111E	1-2
ACS-7	MRBR	Task Zonal 112 (Structure)	1-2
ACS-8	MRBR	Task Zonal 112E	1-2
ACS-9	DND	GVI of Flight Compartment Fixed Oxygen System Components	1-2
ACS-10	MRBR	Task Zonal 113 (Structure)	1-2
ACS-11	MRBR	Task Zonal 113E	1-2
ACS-12	MRBR	Task Zonal 114 (Structure)	1-2
ACS-13	MRBR	Task Zonal 114E	1-2
ACS-14	MRBR	Task Zonal 121 (Structure)	1-2
ACS-15	MRBR	Task Zonal 121E	1-2
ACS-16	MRBR	Task Zonal 122 (Structure)	1-2
ACS-17	MRBR	Task Zonal 122E	1-2
ACS-18	MRBR	Task Zonal 131 (Structure)	1-2
ACS-19	MRBR	Task Zonal 131E	1-2

Periodic Inspection - MRBR Cross-Reference

DND Task Number	Task Type	Task Details	Interval
ACS-20	MRBR	Task Zonal 132 (Structure)	1-2
ACS-21	MRBR	Task Zonal 132E	1-2
ACS-22	MRBR	Task Zonal 133 (Structure)	1-2
ACS-23	MRBR	Task Zonal 133E	1-2
ACS-24	MRBR	Task Zonal 141 (Structure)	1-2
ACS-25	MRBR	Task Zonal 141E	1-2
ACS-26	MRBR	Task Zonal 142 (Structure)	1-2
ACS-27	MRBR	Task Zonal 142E	1-2
ACS-28	MRBR	Task Zonal 143 (Structure)	1-2
ACS-29	MRBR	Task Zonal 143E	1-2
ACS-30	MRBR	Task Zonal 144 (Structure)	1-2
ACS-31	MRBR	Task Zonal 144E	1-2
ACS-32	MRBR	Task Zonal 145 (Structure)	1-2
ACS-33	MRBR	Task Zonal 145E	1-2
ACS-34	DND	GVI of Cockpit Escape Rope and Escape Rope Box Assembly	1-2
ACS-35	MRBR	Task Zonal 211E	1-2
ACS-36	MRBR	Task Zonal 211 (Structure)	2
ACS-37	MRBR	Task Zonal 212 (Structure)	1-2
ACS-38	MRBR	Task Zonal 212E	1-2
ACS-39	DND	GVI and lubricate Cabin Seat Rails	1-2
ACS-40	MRBR	Task Zonal 231E	1-2
ACS-41	MRBR	Task Zonal 231 (Structure)	2
ACS-42	MRBR	Task Zonal 232E	1-2
ACS-43	DND	GVI of NTS Crew Fixed Oxygen System Components	1-2
ACS-44	MRBR	Task Zonal 232 (Structure)	2
ACS-45	MRBR	Task Zonal 233E	1-2
ACS-46	MRBR	Task Zonal 234E	1-2
ACS-47	MRBR	Task Zonal 235E	1-2
ACS-48	MRBR	Task Zonal 241E	1-2
ACS-49	MRBR	Task Zonal 241 (Structure)	2
ACS-50	MRBR	Task Zonal 242E	1-2

Periodic Inspection - MRBR Cross-Reference

DND Task Number	Task Type	Task Details	Interval
ACS-51	MRBR	Task Zonal 242 (Structure)	2
ACS-52	MRBR	Task Zonal 243E	1-2
ACS-53	MRBR	Task Zonal 244E	1-2
ACS-54	MRBR	Task Zonal 245E	1-2
ACS-55	MRBR	Task Zonal 251	1-2
ACS-56	MRBR	Task Zonal 251E	1-2
ACS-57	MRBR	Task Zonal 261E	1-2
ACS-58	MRBR	Task FSL-12 (LH) (Surface Preparation & Refinishing)	1-2
ACS-59	MRBR	Task FSL-12 (RH) (Surface Preparation & Refinishing)	1-2
ACS-60	MRBR	Task Zonal 262 (Structure)	1-2
ACS-61	MRBR	Task Zonal 262E	1-2
ACS-62	MRBR	Task Zonal 263 (Structure)	1-2
ACS-63	MRBR	Task Zonal 263E	1-2
ACS-64	MRBR	Task Zonal 264 (Structure)	1-2
ACS-65	MRBR	Task Zonal 264E	1-2
ACS-66	MRBR	Task Zonal 311 (Structure)	1-2
ACS-67	MRBR	Task Zonal 311E	1-2
ACS-68	MRBR	Task Zonal 312 (Structure)	1-2
ACS-69	MRBR	Task Zonal 312E	1-2
ACS-70	MRBR	Task Zonal 321 (Structure)	1-2
ACS-71	MRBR	Task Zonal 321E	1-2
ACS-72	MRBR	Task Zonal 322 (Structure)	1-2
ACS-73	MRBR	Task Zonal 322E	1-2
ACS-74	MRBR	Task Zonal 323E	1-2
ACS-75	MRBR	Task Zonal 324E	1-2
ACS-76	MRBR	Task Zonal 325E	1-2
ACS-77	MRBR	Task Zonal 325 (Structure)	2
ACS-78	MRBR	Task Zonal 331E	1-2
ACS-79	MRBR	Task Zonal 331 (Structure)	2
ACS-80	MRBR	Task Zonal 332E	1-2
ACS-81	MRBR	Task Zonal 332 (Structure)	2

Periodic Inspection - MRBR Cross-Reference

DND Task Number	Task Type	Task Details	Interval
ACS-82	MRBR	Task Zonal 333E	1-2
ACS-83	MRBR	Task Zonal 334E	1-2
ACS-84	MRBR	Task Zonal 335E	1-2
ACS-85	MRBR	Task Zonal 341E	1-2
ACS-86	MRBR	Task Zonal 341 (Structure)	2
ACS-87	MRBR	Task Zonal 342E	1-2
ACS-88	MRBR	Task Zonal 342 (Structure)	2
ACS-89	MRBR	Task Zonal 343E	1-2
ACS-90	MRBR	Task Zonal 344E	1-2
ACS-91	MRBR	Task Zonal 345E	1-2
ACS-92	MRBR	Task Zonal 351E	1-2
ACS-93	MRBR	Task Zonal 351	2
ACS-94	MRBR	Task Zonal 352	1-2
ACS-95	MRBR	Task Zonal 352E	1-2
ACS-96	MRBR	Task 7110/02 (LH)	1-2
ACS-97	MRBR	Task 7110/02 (RH)	1-2
ACS-98	MRBR	Task Zonal 511 (Structure)	1-2
ACS-99	MRBR	Task Zonal 511E	1-2
ACS-100	MRBR	Task Zonal 512 (Structure)	1-2
ACS-101	MRBR	Task Zonal 512E	1-2
ACS-102	MRBR	Task Zonal 513E	1-2
ACS-103	MRBR	Task Zonal 513 (Structure)	2
ACS-104	MRBR	Task Zonal 521E	1-2
ACS-105	MRBR	Task FSL-10(2) (LH)	1-2
ACS-106	MRBR	Task Zonal 521 (LH) (Structure)	2
ACS-107	MRBR	Task Zonal 522E	1-2
ACS-108	MRBR	Task FSL-05 (LH) (Surface Preparation & Refinishing)	1-2
ACS-109	MRBR	Task FSL-07 (LH) (Surface Preparation & Refinishing)	1-2
ACS-110	MRBR	Task FSL-08 (LH) (Surface Preparation & Refinishing)	1-2
ACS-111	MRBR	Task FSL-09 (LH) (Surface Preparation & Refinishing)	1-2
ACS-112	MRBR	Task Zonal 522 (Structure)	2

Periodic Inspection - MRBR Cross-Reference

DND Task Number	Task Type	Task Details	Interval
ACS-113	MRBR	Task Zonal 523E	1-2
ACS-114	MRBR	Task Zonal 523 (Structure)	2
ACS-115	MRBR	Task Zonal 524E	1-2
ACS-116	MRBR	Task Zonal 524 (Structure)	2
ACS-117	MRBR	Task Zonal 525E	1-2
ACS-118	RD	RD 8-57-4333, RD 8-57-4616, RD 8-57-4620, RD 8-57-4666 (LH)	2
ACS-119	MRBR	Task Zonal 525 (Structure)	2
ACS-120	MRBR	Task Zonal 526	1-2
ACS-121	MRBR	Task Zonal 526E	1-2
ACS-122	MRBR	Task Zonal 527	1-2
ACS-123	MRBR	Task Zonal 527E	1-2
ACS-124	MRBR	Task Zonal 528E	1-2
ACS-125	MRBR	Task Zonal 531E	1-2
ACS-126	MRBR	Task Zonal 532 (Structure) & Zonal 532E	1-2
ACS-127	MRBR	Task Zonal 533E & Zonal 534E	1-2
ACS-128	MRBR	Task Zonal 535E & Zonal 536E	1-2
ACS-129	MRBR	Task Zonal 541E & Zonal 542E	1-2
ACS-130	MRBR	Task Zonal 543E	1-2
ACS-131	MRBR	Task Zonal 544E	1-2
ACS-132	MRBR	Task Zonal 611 (Structure)	1-2
ACS-133	MRBR	Task Zonal 611E	1-2
ACS-134	MRBR	Task Zonal 612 (Structure)	1-2
ACS-135	MRBR	Task Zonal 612E	1-2
ACS-136	MRBR	Task Zonal 613E	1-2
ACS-137	MRBR	Task Zonal 613 (Structure)	2
ACS-138	MRBR	Task Zonal 621E	1-2
ACS-139	MRBR	Task Zonal 521 (RH) (Structure)	2
ACS-140	MRBR	Task Zonal 622E	1-2
ACS-141	MRBR	Task FSL-05 (RH) (Surface Preparation & Refinishing)	1-2
ACS-142	MRBR	Task FSL-07 (RH) (Surface Preparation & Refinishing)	1-2
ACS-143	MRBR	Task FSL-08 (RH) (Surface Preparation & Refinishing)	1-2

Periodic Inspection - MRBR Cross-Reference

DND Task Number	Task Type	Task Details	Interval
ACS-144	MRBR	Task FSL-09 (RH) (Surface Preparation & Refinishing)	1-2
ACS-145	MRBR	Task FSL-10(2) (RH)	1-2
ACS-146	MRBR	Task Zonal 622 (Structure)	2
ACS-147	MRBR	Task Zonal 623E	1-2
ACS-148	MRBR	Task Zonal 623 (Structure)	2
ACS-149	MRBR	Task Zonal 624E	1-2
ACS-150	MRBR	Task Zonal 624 (Structure)	2
ACS-151	MRBR	Task Zonal 625E	1-2
ACS-152	RD	RD 8-57-4333, RD 8-57-4616, RD 8-57-4620 (RH)	2
ACS-153	MRBR	Task Zonal 625 (Structure)	2
ACS-154	MRBR	Task Zonal 626	1-2
ACS-155	MRBR	Task Zonal 626E	1-2
ACS-156	MRBR	Task Zonal 627	1-2
ACS-157	MRBR	Task Zonal 627E	1-2
ACS-158	MRBR	Task Zonal 628E	1-2
ACS-159	MRBR	Task Zonal 631E	1-2
ACS-160	MRBR	Task Zonal 632 (Structure) & Zonal 632E	1-2
ACS-161	MRBR	Task Zonal 633E & Zonal 634E	1-2
ACS-162	MRBR	Task Zonal 635E & Zonal 636E	1-2
ACS-163	MRBR	Task Zonal 641E & Zonal 642E	1-2
ACS-164	MRBR	Task Zonal 643E	1-2
ACS-165	MRBR	Task Zonal 644E	1-2
ACS-166	MRBR	Task 5220/55	1-2
ACS-167	MRBR	Task 5220/05	1-2
ACS-168	MRBR	Task Zonal 821E	1-2
ACS-169	MRBR	Task Zonal 821	2
ACS-170	MRBR	Task Zonal 822E	1-2
ACS-171	MRBR	Task Zonal 822	2
ACS-172	MRBR	Task Zonal 823E	1-2
ACS-173	MRBR	Task Zonal 824E	1-2
ACS-174	MRBR	Task Zonal 824	2

Periodic Inspection - MRBR Cross-Reference

DND Task Number	Task Type	Task Details	Interval
ACS-175	MRBR	Task Zonal 825E	1-2
ACS-176	MRBR	Task Zonal 825	2
ACS-177	MRBR	Task Zonal 826	1-2
ACS-178	MRBR	Task Zonal 826E	1-2
ACS-179	MRBR	Task 5250/01	1-2
ACS-180	DND	System check of the Engine Fire Extinguisher Discharge Lines	2
ACS-181	MRBR	Task 5220/06	1-2
ACS-182	Final Closeout	Install Life Support and Emergency Equipment	1-2
ACS-183	Final Closeout	Remove Engine and APU Fire Bottle Squib Shorting Devices and connect Electrical Connectors	1-2

APPENDIX 2 TO ANNEX A

COMPLIANCE MATRIX

- 1) **Bidders must complete and submit the following Compliance Matrix.** Failure will result in the bid being deemed non-compliant.
 - (a) Bidders must show compliance by addressing each performance specification in the Compliance Matrix, whether the good or service offered meets or does not meet the requirement, by indicating, "Yes," or, "No".
 - (b) Where applicable, Bidders must provide supporting technical documentation – including but not limited to, specification sheets, technical brochures, photographs or illustrations – which demonstrates the Bidder's ability to meet the performance specification. This documentation must be provided with the bid at solicitation close and be cross-referenced within the Compliance Matrix. It is the Bidders' responsibility to ensure that the submitted supporting technical documentation provides sufficient detail to demonstrate that the proposed good(s) or service(s) meet the requirements listed herein. If published supporting technical document is not available, the Bidder should prepare a written narrative complete with a detailed explanation of how its bid demonstrates technical compliance. Invoices, or other documents containing financial information are acceptable, however any financial information **MUST** be removed prior to submission.
 - (c) If the supporting documentation referenced above has not been provided at solicitation close, the Contracting Authority will notify the Bidder that it must provide supporting documentation within two (2) business days. Failure to comply with the request of the Contracting Authority within that time period will render the bid non-compliant, and thus the bid will not be given any further consideration.
 - (d) Bidders must address any concerns with the performance specifications in written detail to the Contracting Authority before solicitation close as outlined in the Request for Proposal (RFP) document.
- 2) The Compliance Matrix includes both **mandatory** and **point-rated criteria**.
 - (a) **Failure to meet any of the mandatory requirements will result in the proposal being deemed non-compliant.**
 - (b) The scoring breakdown for the point-rated criteria can be found within the relevant section of the Compliance Matrix. The maximum score that can be achieved for the point-rated portion of the Compliance Matrix is 200. **There is a mandatory minimum score that the bid must achieve for the point-rated portion of the Compliance Matrix.** This mandatory minimum score is 150 out of 200, or 75%. Failure to meet this minimum mandatory score will result in the bid being deemed non-compliant.
- 3) If there is not sufficient space within the Compliance Matrix to provide all the information/details requested, the Bidder must provide this information on a separate page. Please identify the performance specification that the additional information refers to and please submit any such additional pages along with the bid.

Table A: Mandatory Technical Criteria		
Performance Specification	Performance Specification Met? Indicate, "Yes," or, "No".	Description/Cross Reference: In this column, Bidders must indicate how the bid meets the performance specification and cross-reference the supporting documentation provided (e.g. "Page 3 of product brochure.")
<p>M1 Approved Maintenance Organization (AMO)</p> <p>The Bidder must be a Transport Canada (TC), or equivalent (FAA, EASA, etc.), Approved Maintenance Organization (AMO) with aircraft approval for the Bombardier (de Havilland) DHC-8 100.</p> <p><i>Supporting Documentation: The Bidder must submit its TC (or equivalent) approval certificate(s).</i></p>		
<p>M2 Technical Airworthiness Authority</p> <p>The Bidder must commit to obtaining and maintaining Technical Airworthiness Authority (TAA) recognition for the scope and depth of the airworthiness-related activities of work specified in the Statement of Work (SOW) as per the Royal Canadian Air Force (RCAF) Technical Airworthiness Manual.</p>		
<p>M3 Technical Repair Services – Contractor Facilities</p> <p>The Bidder must possess a facility capable of providing maintenance, repair and overhaul in accordance with the SOW and comply with the Canadian Forces Technical Orders therein identified.</p>		
<p>M4 Equipment and Tools</p> <p>The Bidder must indicate that it possesses, or can acquire, all equipment and/or tools required to undertake all maintenance detailed in the SOW.</p>		
<p>M5 Administration, Documentation, and Reporting Standards</p> <p>The Bidder must indicate that it has the capacity to provide transaction documentation, technical reports, accountability and work control for all facets of the contract, as requested by DND.</p>		
<p>M6 Quality Control and Assurance</p> <p>The Bidder must have in place a Quality Management System deemed acceptable to the Director Quality Assurance (DQA).*</p> <p>If the Bidder is ISO 9001-2008 or AS9100C, a copy of the certificate must be included with its bid.</p> <p>...</p>		

<p>If the Bidder is not ISO 9001-2008 or AS9100C certified, it must demonstrate, to the satisfaction of the DQA, compliance with ISO 9001-2008 elements (requirements). The Bidder must provide information regarding the quality system being used at the Bidder's facility applicable to this solicitation. The information provided must include brief statements regarding the origin of the quality system (including any standards which were utilized in the development of the system), scope of the quality system, responsibility of key individuals within the organization with respect to the quality system and method of audit (including both internal and external audits), along with an uncontrolled copy of the organization's quality manual. External audits should include both regulatory and non-regulatory organizations auditing the Bidder's quality management system. For the purpose of this evaluation, an external audit is considered to be one conducted by an entity other than the Bidder's regulatory agency (e.g. TC or FAA), or an entity within the Bidder's corporate structure.</p> <p><i>*The Bidder is not required to seek DQA acceptance for its Quality Management System prior to submitting the bid. If the Bidder requires DQA acceptance, the Bidder must submit its bid, including the above-requested information, and DQA will evaluate the Quality Management System during the evaluation process.</i></p>		
<p>M7 Controlled Goods Certification</p> <p>The Bidder must provide proof of registration in the Controlled Goods Program.</p>		
<p>M8 Workforce Qualifications and Experience</p> <p>For personnel employed in each job dedicated to the repair and overhaul of DHC-8 aircraft, the Bidder must provide a list of qualifications and the average level of experience. Experience must be broken down by: (1) Years employed by the Contractor, and (2) Years employed in the repair and overhaul of DHC-8s. The Bidder must provide this information for five (5) of its technicians employed in the repair and overhaul of DHC-8s.</p> <p>This criterion will be evaluated further within the point-rated criteria. Please see requirement P2.</p>		
<p>M9 Past Experience – Technical</p> <p>The Bidder must describe the extent of its previous experience with respect to the repair and overhaul of DHC-8 aircraft over the last three (3) years. The Bidder must have carried out "C" checks on at least one (1) DHC-8 aircraft per year over the three year period. The "C" checks carried out must have been completed to the satisfaction of the client.</p>		

<p><i>Supporting Documentation: The Bidder must provide the name of each client and its contact information, as well as the completion date for each "C" check it has performed. The evaluation board may contact clients for confirmation purposes.</i></p>		
<p>M10 Points of Contact</p> <p>The Bidder must provide a list of contacts for the resolution of (a) technical, (b) logistics, and (c) administrative issues.</p>		
<p>M11 Induction Date</p> <p>The Bidder must commit to an induction date of September 10, 2017, or earlier.</p>		
<p>M12 Point-Rated Criteria</p> <p>The Bidder must achieve a mandatory minimum score of 150 out of 200 possible points (i.e. 75%) within Table B: Point-Rated Technical Criteria.</p>		

<p align="center">Table B: Point-Rated Technical Criteria</p>			
<p align="center">Requirement</p>	<p align="center">Scoring Breakdown</p>	<p align="center">Maximum Score</p>	<p align="center">Description/Cross Reference:</p> <p>In this column, Offerors must indicate how the bid meets the performance specification and cross-reference the supporting documentation provided (e.g. "Page 3 of product brochure.")</p>
<p>P1 Proposed Work Schedule</p> <p>The Bidder must provide a work schedule in the form of a Gantt Chart to detail the timelines for each phase of the inspection.</p> <p><i>Points will be allocated based on the length of the Bidder's proposed timeline, as per the breakdown provided.</i></p>	<p>60 Points – The Bidder provides a Gantt Chart that indicates the inspection will be completed in thirty (30) calendar days or fewer.</p> <p>30 Points – The Bidder provides a Gantt Chart that indicates the inspection will be completed in forty-five (45) calendar days or fewer.</p> <p>20 Points – The Bidder provides a Gantt Chart that indicates the inspection will be completed in sixty (60) calendar days or fewer.</p> <p>0 Points – The Bidder provides</p>	<p align="center">60</p>	

	<p>a Gantt Chart that indicates the inspection will be completed in sixty-one (60) calendar days or greater.</p>		
<p>P2 Workforce Qualifications and Experience</p> <p>Further to mandatory criterion M8, the Bidder must indicate the level of experience for five (5) technicians that will be dedicated to carrying out the work as described at Annex A: Statement of Work. Experience must be broken down by the number of years each technician has been employed in the maintenance of DHC-8 aircraft.</p> <p><i>Points will be allocated based on the average (mean) level of experience of the five (5) technicians indicated.</i></p> <p><i>Supporting Documentation: The Bidder may refer to its response to mandatory criterion M8 in responding to this criterion.</i></p>	<p>40 Points – The average level of experience of the five (5) technicians indicated is five (5) years or greater.</p> <p>20 Points – The average level of experience of the five (5) technicians indicated is a minimum of three (3) years.</p> <p>10 Points – The average level of experience of the five (5) technicians indicated is a minimum of one (1) year.</p> <p>0 Points – The average level of experience of the five (5) technicians indicated is less than one (1) year.</p>	<p>40</p>	
<p>P3 Past Experience – Technical</p> <p>The Bidder must detail the extent of its experience with respect to heavy aircraft maintenance in the last three (3) years, to the satisfaction of its clients. The Bidder must provide this experience in terms of the number of aircraft that it has performed heavy maintenance on per year, over the three year period, detailing the extent of client satisfaction, and warranty claims if applicable. Heavy maintenance on DHC-8 aircraft is the preferred form of experience.</p> <p><i>Points will be allocated based on the number of aircraft maintained per year, as well as the type of aircraft maintained, as per the breakdown provided.</i></p> <p><i>Supporting Documentation: The Bidder must provide the name of each client, its contact</i></p>	<p>40 Points – The Bidder demonstrates heavy maintenance work was carried out on five (5) or more DHC-8 aircraft per year over the 3-year period, to the satisfaction of the client.</p> <p>30 Points – The Bidder demonstrates heavy maintenance work was carried out on five (5) or more aircraft per year – including at least one (1) DHC-8 per year – over the 3-year period, to the satisfaction of the client.</p> <p>15 Points – The Bidder demonstrates heavy maintenance work was carried out on one (1) to four (4) aircraft per year – including at least (2) DHC-8s per year –over the 3-year period, to the satisfaction of the client.</p> <p>5 Points – The Bidder demonstrates heavy maintenance work was carried</p>	<p>40</p>	

<p><i>information and number of the client's aircraft that the Bidder has performed heavy maintenance on. The evaluation board may contact the clients for confirmation purposes.</i></p>	<p>out on one (1) to four (4) aircraft per year – including at least (1) DHC-8 per year –over the 3-year period, to the satisfaction of the client.</p> <p>0 Points – The Bidder FAILS TO demonstrate that it has carried out heavy maintenance work on at least one (1) aircraft per year – including at least (1) DHC-8 per year –over the 3-year period, to the satisfaction of the client.</p>		
<p>P4 Past Experience – Average Turn-Around-Time (TAT)</p> <p>The Bidder must provide its average turn-around-time (TAT) for "C" checks on DHC-8 aircraft over the past three (3) years.</p> <p><i>For the purposes of this evaluation, turn-around-time is defined as period starting when the aircraft is inducted into maintenance at the Bidder's facility, to the time it is ready for post-maintenance test flight.</i></p> <p><i>Supporting Documentation: The Bidder must provide the name of clients and their contact information for verification of the average turn-around-time. The evaluation board may contact the clients for confirmation purposes.</i></p>	<p>15 Points – Average TAT is forty-five (45) calendar days or fewer.</p> <p>10 Points – Average TAT is forty-six (46) to fifty (50) calendar days.</p> <p>5 Points – Average TAT is fifty-one (51) to sixty (60) calendar days.</p> <p>0 Points – Average TAT is sixty-one (61) calendar days or greater.</p>	15	
<p>P5 Sub-Contracting Procedures</p> <p>The Bidder must describe the minimum criteria sub-contractors must meet in order to carry out any tasks on its behalf – including quality system requirements, Transport Canada certifications, warranty considerations, etc. – in the performance of work resulting from the Contract. If the Bidder does not intend to utilize sub-contracting, the Bidder must clearly state this.</p> <p><i>Note: The purpose of this point-</i></p>	<p>20 Points – The Bidder clearly states that sub-contractor(s) will not be utilized in the performance of work resulting from the Contract.</p> <p>10 Points – The Bidder indicates that it will utilize sub-contractor(s) in the performance of work resulting from the Contract, and the Bidder describes the minimum criteria sub-contractors must meet in order to carry out any tasks on its behalf.</p> <p>0 Points – The Bidder indicates that it will utilize sub-</p>	20	

<p><i>rated criterion is to address potential TAT delays that can result in sub-contracting work.</i></p> <p><i>Points will be allocated based on the Bidders ability to demonstrate that it has procedures in place to reduce delays arising from the use of sub-contracting.</i></p>	<p>contractor(s) in the performance of work resulting from the Contract, but the Bidder FAILS TO describe the minimum criteria sub-contractors must meet in order to carry out any tasks on its behalf.</p>		
<p>P6 Past Experience – Mission-Specialized Aircraft</p> <p>The Bidder must provide a description of its past experience in the design and/or heavy maintenance of mission-specialized aircraft configurations. Both design AND maintenance are preferred, as is the design and/or maintenance of DHC-8 variants.</p> <p><i>Points will be allocated based on the Bidder's description and the type of aircraft designed and/or maintained, as per the breakdown provided.</i></p>	<p>15 Points – The Bidder describes having designed AND maintained a DHC-8-variant mission-specialized aircraft.</p> <p>10 Points – The Bidder describes having designed OR maintained a DHC-8-variant mission-specialized aircraft.</p> <p>5 Points – The Bidder describes having designed and/or maintained a non-DHC-8-variant mission-specialized aircraft.</p> <p>0 Points – The Bidder FAILS TO describe its past experience in the design and/or heavy maintenance of mission-specialized aircraft.</p>	15	
<p>P7 Points-of-Contact</p> <p>The Bidder must provide a list of employees or positions within its organization for the client department to contact for the resolution of (a) technical, (b) logistics, and (c) administrative issues. One (1) single point-of-contact (employee or position) for the resolution all technical, logistical or administrative issues is preferred.</p> <p><i>Supporting Documentation: The Bidder must provide the following contact information (as applicable): employee name and/or position title, work address, phone number, fax number, email address, and a brief description of the responsibilities of the employee or position identified.</i></p> <p><i>Points will be allocated based on</i></p>	<p>10 Points - The Bidder provides a single point-of-contact for the resolution of all technical, logistical and administrative issues. The Bidder also provides ALL applicable supporting documentation.</p> <p>8 Points – The Bidder provides a list of separate employees or positions for the resolution of all technical, logistical and administrative issues. The Bidder also provides ALL applicable supporting documentation</p> <p>2 Points – The Bidder provides a list of separate employees or positions for the resolution of all technical, logistical and administrative issues. The Bidder provides INCOMPLETE supporting documentation.</p>	10	

Solicitation No. - N° de l'invitation

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Amd. No. - N° de la modif.

File No. - N° du dossier
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Buyer ID - Id de l'acheteur

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CCC No./N° CCC - FMS No./N° VME

<i>the number of points-of-contact provided by the Bidder and the completeness of the Bidder's supporting documentation.</i>	0 Points – The Bidder FAILS TO provide a list of points-of-contact and/or contact information.		
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ANNEX B

BASIS OF PAYMENT

This Annex, when completed, will be considered as the Bidder's Financial Offer. The prices proposed herein will remain in effect for the duration of the Contract.

Bidders **must** submit **firm prices and rates**, inclusive of **all costs** (e.g. components, labour, tools, etc.) involved in performing the work as described at Annex A: Statement of Work. All rates must be provided in Canadian dollars (CAD). Taxes (GST, HST, etc.), if applicable, are **excluded**. Canadian customs and duties, if applicable, are included.

The Basis of Payment is broken into two tables: One, for the "C Check" and "A Check" inspections, must include **firm, fixed prices**. The second table, for repair work resulting from the inspection and initiated by an Additional Work Request (AWR), must include **firm, fixed rates** for repair work, parts and sub-contracting. Repair work should be quoted in terms of fixed hourly-rates. Parts and sub-contracting should be quoted in terms of a fixed markup percentage. **All Bidders must provide a firm markup percentage for sub-contracting**, even those Bidders that do not intend to use sub-contracting in the performance of work resulting from the Contract. This is to ensure that all bids are evaluated on an equitable basis. In the event of a discrepancy between the unit rate and the total price, the **unit rate will prevail** and the total price will be corrected to reflect the unit rate.

Bidders must complete the entire Basis of Payment. Failure to complete the Basis of Payment will result in the bid being deemed non-compliant, and the bid will not be considered further.

Note: The estimated quantities found within this Annex are provided for evaluation purposes only. They should not be used to infer the actual subsequent usage the resulting Contract.

Invoicing Instructions:

Any invoice issued against the resulting Contract which includes sub-contracting and/or parts cost must include sub-contracting and/or parts as a separate line item and must be accompanied by supporting documentation. Supporting documentation can consist of, but is not limited to, purchase orders and invoices. The price paid by the Contractor for the sub-contracting must correspond with the price charged to the Government of Canada, plus the quoted markup rate.

Table 1: Firm, Fixed Prices		
For the "C Check" and "A Check" inspections of one Department of National Defence CT-142 Dash-8 aircraft, as per Annex A: Statement of Work.		
Item #	Description	Firm, Fixed Price (CAD)
1	All costs associated with the performance of one (1) periodic inspection – equivalent to a civilian "C Check" – of one (1) CT-142-Dash-8 aircraft. Work is to commence by September 11, 2017.	\$
2	All costs associated with the performance of one (1) periodic inspection – equivalent to a civilian "A Check" – of one (1) CT-142-Dash-8 aircraft, to commence upon the aircraft reaching 500 hours of flying time.	\$
3	All costs associated with the performance of one (1) periodic inspection – equivalent to a civilian "A Check" – of one (1) CT-142-Dash-8 aircraft, to commence upon the aircraft reaching 1,500 hours of flying time.	\$
Table 1 Total		\$

Table 2: Firm, Fixed Rates				
For the repair of one Department of National Defence CT-142 Dash-8 aircraft, as arising from the inspections mandated at Annex A: Statement of Work, and initiated by a DND 626, Task Authorization Form.				
Item #	Description	Estimated Usage	Firm Unit Price (CAD)	Firm Total Price (CAD)
1	All labour costs associated with repair work undertaken by:			
1a	A technician.	800 hrs.	\$	\$
1b	A senior technician.	400 hrs.	\$	\$
		Estimated Usage	Firm Markup Percentage	Firm Total Price (CAD)
2	All parts costs.	\$30,000.00	%	\$
3	All sub-contracting costs.	\$2,000.00	%	\$

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Table 2 Total	\$
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EVALUATION SUMMARY

Evaluation Summary	
Table 1 Total	\$
Table 2 Total	\$
Evaluation Total	\$

ANNEX C

ELECTRONIC PAYMENT INSTRUMENTS

The Bidder accepts any of the following Electronic Payment Instrument(s):

- VISA Acquisition Card;
- MasterCard Acquisition Card;
- Direct Deposit (Domestic and International);
- Electronic Data Interchange (EDI);
- Wire Transfer (International Only);
- Large Value Transfer System (LVTS) (Over \$25M)

ANNEX D

INSURANCE REQUIREMENTS

Aviation Liability Insurance

- 1) The Contractor must obtain Aviation Liability Insurance for Bodily Injury (including passenger Bodily Injury) and Property Damage, and maintain it in force throughout the duration of the Contract, in an amount usual for a contract of this nature, but for not less than \$5,000,000 per accident or occurrence and in the annual aggregate.
- 2) The Aviation Liability policy must include the following:
 - (a) Additional Insured: Canada is added as an additional insured, but only with respect to liability arising out of the Contractor's performance of the Contract. The interest of Canada should read as follows: Canada, represented by Public Works and Government Services Canada.
 - (b) Notice of Cancellation: The Insurer will endeavour to provide the Contracting Authority thirty (30) days written notice of policy cancellation.
 - (c) Cross Liability/Separation of Insureds: Without increasing the limit of liability, the policy must protect all insured parties to the full extent of coverage provided. Further, the policy must apply to each Insured in the same manner and to the same extent as if a separate policy had been issued to each.
 - (d) Contractual Liability: The policy must, on a blanket basis or by specific reference to the Contract, extend to assumed liabilities with respect to contractual provisions.
 - (e) Employees and, where applicable, Volunteers must be included as Additional Insured.
 - (f) Aviation Passenger Liability and inclusive Medical Payments: If sub-limits are applicable to Contractor's policy conforming to international carriage agreements or otherwise, such sub-limits must in any event be, not less than, \$300,000 per person. The per accident limit should be no less than \$300,000 multiplied by the number of passengers.
 - (g) If the policy is written on a claims-made basis, coverage must be in place for a period of at least 12 months after the completion or termination of the Contract.
 - (h) Employers Liability (unless we have confirmation that all employees are covered by Worker's compensation WSIB or similar program).
 - (i) Products and Completed Operations: To cover liability arising from the sale and service of aviation products, assembly and repair activities, in connection with the Work performed by or on behalf of the Contractor.
 - (j) Permission to Transport Hazardous Goods. The Insured must also obtain all the applicable provincial or federal permission to transport hazardous material in addition to this endorsement.

Aircraft Hull Insurance

The Contractor must obtain Aircraft Hull Insurance including All Risks Flight and Ground coverage, and maintain it in force throughout the duration of the contract, in an amount of not less than \$5,000,000.00. The Aircraft must be insured on a Replacement Cost (new) value basis.

The Aircraft Hull insurance policy must include the following:

- (a) Waiver of Subrogation: Contractor's Insurer to waive all rights of subrogation against Canada as represented by the Department of National Defence and Public Works and Government Services Canada for any and all loss of or damage to the aircraft however caused.
- (b) Notice of Cancellation: The Insurer will endeavour to provide the Contracting Authority thirty (30) days written notice of cancellation.

Warehouseman's Legal Liability Insurance

- 1) The Contractor must obtain Warehouseman's Legal Liability Insurance coverage on Government Property, and maintain it in force while under its care, custody or control for storage, in an amount of not less than \$5,000,000.00. The Government's Property must be insured on a replacement cost (new) basis.
- 2) Administration of Claims: The Contractor must notify Canada promptly about any losses or damages to Government Property and monitor, investigate and document losses of or damage to Government Property to ensure that claims are properly made and paid.
- 3) The following endorsements must be included:
 - (a) Notice of Cancellation: The Insurer will endeavour to provide the Contracting Authority thirty (30) days written notice of cancellation.
 - (b) Settlement of Claims: The insurance proceeds regarding any loss of or damage to Government Property must be payable to the appropriate party as directed by the Contracting Authority.
 - (c) Loss Payee: Canada as its interest may appear or it may direct.
 - (d) Waiver of Subrogation Rights: Contractor's Insurer to waive all rights of subrogation against Canada as represented by the Department of National Defence and Public Works and Government Services Canada for any and all loss of or damage to the property however caused.

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