PUBLIC RELEASE AUTHORIZATION REQUEST

Complete Sections 1 and 2 of this form. Submit to the appropriate Program Code point of contact to complete Sections 3 and 4. Upon authorization, the requestor and primary sponsor will receive notification stating the following: The "TITLE" material(s) submitted for public release has/have been approved. Distribution Statement A - Approved for public release; distribution is unlimited, as submitted under NAVAIR Public Release Authorization YY-(tracking number). Please retain the signed authorization for your records.

Section 1  MATERIAL DESCRIPTION & PURPOSE

1. Requestor (Name/Position Title)  
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2. Company/Organization/Code  
   NAWCADLKE 4353
3. Desired Release Date  
   Jan 3, 2017
4. Telephone Number  
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5. Fax Number  
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   derek.ferwerda@navy.mil
7. Work Address  
   Code 4353, Bldg. 120-3  
   JB-MDL, NJ 08733
8. Material Title  
   Aerial Refueling Clearance Initiation Request
9. List all contributing organizations (Programs/Codes/Services) whose subject matter is discussed in this material  
   NAWCADLKE 4353 and USAF AFLCMC/EZFA.
10. Information Category (Check all that apply)  
   [ ] Brief  [X] Documents  [ ] Thesis  [ ] Press Release
   [ ] Video  [ ] Abstract  [ ] Photo/Graphics/Display
   [ ] Other (Specify)  
   [ ] Related Contract Number
11. Proposed Venue and Date(s), or Publication for which this material has been prepared

The purpose of this generic guidance document is to support the aerial refueling clearance process by recommending the minimum information required to initiate the aerial refueling clearance process between tanker and receiver agencies.

12. Does NAVAIR have primary release authority for this material?  
   [X] YES  
   If NO, you must identify and obtain Public Release Authorization from the command(s) contributing to this material.  
   [ ] NO

Section 2  REQUESTOR

I have reviewed all the applicable security classification guidance, contractual rights, MCTL, CPI list (if applicable) and other pertinent references related to this material. Based on my review, I have determined the material does not contain any classified, controlled unclassified, export controlled, trademarked or proprietary information and determined this material is suitable for public release. I have received release approval from other relevant organizations and am including documentation.

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   b. Telephone Number  
      732-323-1129
   c. Date Received  
   d. Date Completed
   FERWERDA.DEREK.S.1249700181

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   b. Telephone Number  
      732-323-4058
   c. Date Received  
      11/22/16
   d. Date Completed  
      11/22/16
   MCLAUGHLIN.STEVE.JAMES.1239474086

2. Program Authorization - Print Name & Digitally Sign Below  
   a. Organization  
      USAF AFLCMC/EZFA
   b. Telephone Number  
      732-323-7121
   c. Date Received  
      11/22/16
   d. Date Completed  
      11/23/16
   CHOUHADJURY.FARHAD.H.1228733209
AERIAL REFUELING CLEARANCE INITIATION REQUEST

This document is intended to support the aerial refueling clearance process by recommending the minimum information required to initiate the aerial refueling clearance process between tanker and receiver agencies. The AR Clearance Initiation Request document recognizes the requirement for definitive aerial refueling agreements between cooperating organizations or nations. Aerial refueling support agreements may include monetary agreements, contracted commercial tanker support agreements and contractual tanker support requests from one organization or nation to another. The AR Clearance Initiation Request document is not intended to include directions for the development or content of these contractual agreements.

See Document Terms and Definitions, Page 8

ARSAG is the DOD Joint Standardization Board (JSB) for Aerial Refueling Systems as chartered by DSPO.
<table>
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<th>REVISION</th>
<th>DATE</th>
<th>REASON FOR REVISION</th>
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<td>1</td>
<td>14 July 2016</td>
<td>Scheduled up-date and new standardized format. New ARSAG Distribution Statement, 1 Mar 2016.</td>
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### PROJECT INITIATION FORM (PIF)

1. **PROJECT SPONSOR OR INITIATING AGENCY**
   - **Name of Individual:** Dexter H. Kalt
   - **Name of Organization:** ARSAG
   - **POC Information:** Phone: 937-2879790  E-mail: dhkalt35@outlook.com

2. **PROJECT REQUEST**
   - **Project Purpose:** Provide organizations desiring aerial refueling tanker and or receiver aircraft support a guide for requesting that support from another agency. Update the existing ARSAG guide clearance request document approved at the 1998 ARSAG annual meeting.
   - **Project Title:** AERIAL REFUELING CLEARANCE INITIATION REQUEST

   **Product Outcome:**
   - **INPUT TO DOD STANDARDIZATION DOCUMENT:**
     - Specification
     - Standard
     - JSSG
     - Other
   - **INPUT TO NATO DOCUMENT:**
     - STANAG
     - STANREC
     - Allied Publications
   - **INPUT TO INDUSTRY DOCUMENT:**
     - Standard
     - Other

3. **PROJECT TIMELINE**
   - **Project Request Submittal Date:** 16 JUNE 2015
   - **Requested Completion Date:** 24 SEPTEMBER 2015

4. **PROJECT DISPOSITION**
   - **Project Request Receipt Date:** 16 JUNE 2015
   - **Project Disposition:**
     - JSB Chair (Farhad Choudhury, NAVAIR) X
     - JSB Deputy Chair (Dave Benson, AFLCMCIEFAQ) X
     - ARSAG Executive Director (Dux Kalt) X

   **Priority Assessment:**
   - **Priority**
     - 1

   **Project Number Assignment:**
   - **Project Number:** 16-88-98RWD

   **Working Group Assignment:**
   - ARSAG/JSB Working Group Number 5

   **Response to Project Sponsor or Initiating Agency:**
   - **ARSAG Official Response Date:** D. H. Kalt, Exec. Dir. 30 June 2015

   **Transition to ARSAG/JSB Working Group:**
   - **Tom Swiderek 5 Date:** 30 June 2015

Submit to ARSAG Executive Director at arsaginc@earthlink.net
Acknowledgements

Like all ARSAG recommendation documents, this effort was accomplished under the direct guidance and support of ARSAG leadership and with the focused efforts of ARSAG team members.

Keith Hewitt provided support for the publication of the original document and its eventual publication in ATP-56 (B).

Workgroup 5 spent several Workgroup/JSB sessions reviewing and updating dozens of draft versions and obtained significant support from Jessica Graham. When determining the content and scope of this document, Workgroup 5 considered and incorporated other ARSAG recommendations to ensure the consistency and relevancy of all ARSAG products.
Foreword
The procedures for obtaining aerial refueling clearances vary between nations and military services with a myriad of requirements, capabilities, and equipment for the building blocks that create many unique situations. In addition, variables such as operational requirements or existing technical data issues can impact the overall complexity. The information contained in this document is written to be used in conjunction with and supporting the ARSAG Aerial Refueling Clearance Process Guide, the Standardized Technical Data Survey and the Test Methods Guide.

Purpose
This document is intended to support the entire aerial refueling clearance process by recommending the minimum information required to initiate the aerial refueling clearance process between tanker and receiver agencies.

Scope
The AR Clearance Initiation Request document recognizes the requirement for definitive aerial refueling agreements between cooperating organizations or nations. Aerial refueling support agreements may include monetary agreements, contracted commercial tanker support agreements and contractual tanker support requests from one organization or nation to another. The AR Clearance Initiation Request document is not intended to include directions for the development or content of these contractual agreements.
## Terms and Definitions

<table>
<thead>
<tr>
<th>Term</th>
<th>Definition</th>
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</thead>
<tbody>
<tr>
<td>ARSAG</td>
<td>Aerial Refueling Systems Advisory Group, International</td>
</tr>
<tr>
<td>AR</td>
<td>Aerial Refueling</td>
</tr>
<tr>
<td>AAR</td>
<td>Air-to-Air Refueling</td>
</tr>
<tr>
<td>AR Boom</td>
<td>Tanker fuel delivery system via telescoping tubes and flying surfaces.</td>
</tr>
<tr>
<td>AR Drogue/Hose Reel</td>
<td>Tanker delivery system via , take-up reel, hose MA 2, 3, 4 coupling and hose stabilizing drogue</td>
</tr>
<tr>
<td>BDA</td>
<td>Boom-to-Drogue Adaptor Kit. Used to permit probe refueling from a boom equipped tanker through an adaptor kit attached to the boom. (No in-flight conversion to boom is possible once BDA kit installed.)</td>
</tr>
<tr>
<td>NVG</td>
<td>Night Vision Goggles</td>
</tr>
<tr>
<td>OEM</td>
<td>Original Equipment Manufacturer</td>
</tr>
<tr>
<td>Probe/Nozzle/Mast</td>
<td>Receiver system for accepting the tanker coupling</td>
</tr>
<tr>
<td>Receiver aircraft</td>
<td>An aircraft that receives fuel from a compatible tanker aircraft.</td>
</tr>
<tr>
<td>Receptacle/UARRSI</td>
<td>Receiver system for accepting tanker boom equipped nozzle. Includes the Universal Aerial Refueling Receptacle Slipway Installation (UARRSI)</td>
</tr>
<tr>
<td>SRD</td>
<td>Standards Related Document</td>
</tr>
<tr>
<td>STDS</td>
<td>Standardized Technical Data Survey</td>
</tr>
<tr>
<td>Tanker Aircraft</td>
<td>An aircraft that carries extra fuel available for transfer to a receiver aircraft.</td>
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### Reference Documents

<table>
<thead>
<tr>
<th>ARSAG Ref #</th>
<th>ARSAG Reference Title &amp; NATO Reference Title</th>
<th>Date</th>
<th>Promulgation Date</th>
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<tr>
<td></td>
<td>ATP 3.3.4.2 SRD 1 - Guide to Obtaining AAR Refuelling Clearances &amp; Compatibility Certification</td>
<td>NATO Pending</td>
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<td>17-81-03R</td>
<td>Standardized Technical Data Survey (STDS)</td>
<td>Apr 2014</td>
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<td>03-00-03R</td>
<td>Aerial Refueling Pressure Definitions and Terms, Design and Verification Guidance</td>
<td>21 Sep 2010</td>
<td></td>
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<td>41-09-15</td>
<td>Aerial Refueling Test Methods Guide</td>
<td>13 Apr 2015</td>
<td></td>
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<tr>
<td>01-98-14R</td>
<td>Aerial Refueling Equipment Probe/Drogue Interface Characteristics.</td>
<td>Apr 2014</td>
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<td></td>
<td>NATO ATP 3.3.4.6 (STANAG 3447 Ed5)</td>
<td></td>
<td>At NSO for staffing – expected to go under silence 12 Feb 2016 for 6 weeks</td>
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<td>02-88-13</td>
<td>Aerial Refueling Equipment Boom Receptacle System and Interface Requirements.</td>
<td>8 Jul 2012</td>
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<td>NATO ATP 3.3.4.5 Ed.A. Ver 1 (STANAG 7191)</td>
<td>4 Jun 2013</td>
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<td>05a-06-11</td>
<td>Aerial Refueling Drogue System Status Lights</td>
<td>April 2013</td>
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<td></td>
<td>NATO ATP 3.3.4.7 (STANAG 7215)</td>
<td>2 April 2013</td>
<td></td>
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<tr>
<td>O7-88-95</td>
<td>Aerial Refueling Operating Procedures ATP-56</td>
<td>Sep 1995</td>
<td></td>
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1.0 Information to Include

The following information is the minimum recommended to initiate the aerial refueling clearance process (attach additional information as necessary). This process can be initiated by either the tanker or receiver organization. A fully completed document, though desired, is not necessary in order to initiate the process. However, in the end, items agreed between the nations involved in the request will need to be completed.

1.1 Contact information of requested agency:

(Note: If contact information is not known, guidance may be obtained from the National SRDs within NATO ATP 3.3.4.2 or through ARSAG, International at arsaginc@earthlink.net or +1 937 760-7407)

Point of contact name and position
__________________________

Agency name & mailing address
__________________________

E-mail address
__________________________

Phone numbers
__________________________

1.2 Contact information for requesting agency:

Point of contact name and position
__________________________

Agency name & mailing address
__________________________

E-mail address
__________________________

Phone numbers
__________________________

Request approval authority office & contact info (attach signed letter if available)
__________________________
1.3 **Requested Clearance Category.**
Category of clearance request required. (Category 1, 2 or 3 in accordance with ATP 3.3.4.2)

1 2 3 (Circle one)

1.4 **Need date.**
What is the no-later-than date the aerial refueling clearance is required?

1.5 **Brief description.**
Provide a brief description (unclassified) of the reason for the operational aerial refueling support

1.5.1 **Magnitude of requirement.**
Provide a description of the magnitude of anticipated operational aerial refueling support required (flight hours, fuel qty etc).

1.5.2 **Basic requirement.**
What is the basic desired operational aerial refueling support requirements (area, country, day, night, exercise, operation, envelope, etc.).
1.6 **System type.**
Desired type of tanker **AND** receiver aerial refueling systems involved (select all that apply).

☐ Tanker boom
☐ Tanker boom-to-drogue adaptor (BDA) kit (KC-135 only)
☐ Tanker centerline drogue
☐ Tanker wing pod drogue
☐ Receiver receptacle
☐ Receiver probe

1.7 **Aircraft Description.**
Make, model and version of all aircraft involved.

1.8 **Fuel.**
Type(s) of transfer fuel involved including primary, alternate and emergency fuels.

1.9 **Systems manufacturers.**
Please list the following regarding all applicable known aircraft and aerial refueling systems manufacturers.

1.9.1 Manufacturer name.

1.9.2 Manufacturer point of contact and contact information.
1.9.3 Is authority given for direct contact with manufacturers (consider intellectual property or national export control restrictions)?

1.9.4 If “yes”, has approval been granted to share the relevant data with all applicable agencies?

1.9.5 List any concerns related to this issue.

(use additional sheets as required)

1.10 Technical data.
List and describe availability of accurate manufacturer technical interface data (other than STDS).

1.11 Standard Technical Data Survey (STDS)
List and attach any applicable completed Standardized Technical Data Survey (STDS) information, if available.
1.12 **Training currency.**
Describe flight crew operational aerial refueling training currency requirements of tanker and receiver nation as required by requesting nation or organization.

1.13 **Memorandums of Understanding (MOU).**
List known applicable MOUs or agreements in place between tanker and receiver nation/organization and points of contact.

1.14 **Accident/Incident considerations.**
Proposed aircraft accident/incident accountability, liability and investigation during operational activities and points of contact.
2.0 **Flight test considerations.**

If flight test is required for the aerial refueling clearance, the following information applies during this phase only.

2.1 **Availability Dates.**

What are the estimated availability (dates) of the requesting agency aircraft for flight test support? List any limitations.

2.2 **Test location.**

Where is flight test expected/desired to be accomplished?

2.3 **Test aircrew.**

Flight test aircrew organization, availability and experience level.

2.4 **Instrumentation.**

What level of instrumentation is expected to be available on the requesting agency aircraft for aerial refueling systems? Include data parameters and sample rates.

2.5 **Liability.**

Proposed aircraft accident/incident accountability and liability during flight test support phase and points of contact.
2.6 Aircraft possession/control.
Will the aircraft of the requesting agency need to change possession or tasking control during flight testing? If so, describe.

3.0 Additional Considerations.
Additional general considerations in addition to ATP 3.3.4.2 for all agencies are listed in this section. Comments/responses in this section are not required but encouraged to facilitate a better assessment of work scope. (add additional sheets as required)

3.1 Technical and operational interface meetings.

3.2 Preparation of technical orders.

3.3 Identification of restrictions.
Methods for identifying critical aerial refueling restrictions (ATP 3.3.4.2 or describe other).

3.4 Fuel accountability.

3.5 Operational procedures, training and currency requirements.
3.6 Maintenance procedures, training and currency requirements.

3.7 Technical data.
Description and location of relevant aerial refueling technical data (from other clearances or activities).

3.8 Technical expertise.
Availability of aerial refueling technical expertise.

3.9 Flight test agency.
Flight test capability and identity of test agency, if available.

3.10 Data control.
Considerations for protecting proprietary or export controlled information.
3.11 Funding considerations.
Funding of flight test and operational refueling missions.

This could include Foreign Military Sales, Direct Commercial Sales, Foreign Military Financing, replacement in kind, ATARES Agreement, Implementing Arrangement, etc.

3.11.1 Consideration of additional fund sharing options.

3.12 ATP 3.3.4.2
Use of ATP 3.3.4.2 Air to Air Refuelling Procedures and/or National SRD.

3.13 Additional procedures.
Additional specific aerial refueling operational procedures requested not found in ATP 3.3.4.2 and/or National SRD.

3.14 Additional relevant information

(Include additional pages as needed).