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08 June 2016

**NOTICE**

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**NATO ARMY ARMAMENTS GROUP (NAAG)**

**1st Meeting of the Future Rotocraft Requirements Team of Experts (FRR TOE) on 13 and 14 July 2016, to be held at the Joint Air Power Competence Centre in Kalkar, Germany**

**Note by the NAAG Secretary**

1. The Future Rotocraft Requirements Team of Experts (FRR TOE) first meeting will be held at the Joint Air Power Competence Centre in Kalkar, Germany. The meeting will start 13 July at 13:00 local and end on 14 July at 12:00.
2. The NAAG and the JCGVL are kindly invited to participate or send appropriate experts to the FRR TOE Meeting. The administrative details can be found in Enclosure 1.
3. The Enclosure 2 is the Draft Terms of Reference (TOR) of the FRR TOE, for background information (The title of the TOR is Future Vertical Lift Requirements (FVLR), used alternately so far. This meeting would possibly decide on a unique name for the TOE).
4. The Meeting POC is Maj. Hein Faber at JAPCC (Phone: +49 (0)2824 90 2258; Email: [Faber@japcc.org](mailto:Faber@japcc.org)). Participants are kindly requested to follow the procedure and observe deadlines in the Enclosure, and send replies and queries to Maj. Faber, info copy me, Mr Osman Tasman, Email: [tasman.osman@hq.nato.int](mailto:tasman.osman@hq.nato.int).

(Signed) O. TASMAN

2 Enclosures

Action Officer: Mr. Osman TASMAN, X4300  
Original: English

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## **ADMINISTRATIVE ARRANGEMENTS**

### **FRR TOE Meeting 13-14 July 2016**

#### **1. DATES**

The meeting will take place at the Joint Air Power Competence Centre in Kalkar, Germany. The meeting will start 13 July at 1300lcl and end on 14 July 12.00lcl.

#### **2. LOCATION**

- a. The meeting will be held in the JAPCC main conference room building 26.  
von Seydlitz-Kaserne, Roemerstrasse 140, 47546 Kalkar NRW, Germany
- b. Coffee breaks will be hosted by the JAPCC twice daily.

#### **3. VISAs**

Standard VISA requirements for travel in Europe

#### **4. REGISTRATION**

The registration form in Appendix 1 should be completed and returned to both to JAPCC Point of Contact, Maj Hein Faber ([Faber@japcc.org](mailto:Faber@japcc.org)), and to Osman Tasman ([tasman.osman@hq.nato.int](mailto:tasman.osman@hq.nato.int)) as soon as feasible but NLT July 1, 2016. This will allow for working time to compile the access list and time necessary for the local Security to process the document.

#### **5. SECURITY CLEARANCE**

The meeting will be unclass.

#### **6. IN-PROCESSING**

Because of non-centralized booking, in-processing will take place the morning of the first day.

#### **7. POINTS OF CONTACT**

##### **a. NATO HQ:**

- Name: Mr. Osman Tasman
- Phone: +32(0)2 7074300
- Email: [tasman.osman@hq.nato.int](mailto:tasman.osman@hq.nato.int)

##### **b. JAPCC:**

- Name: Maj Hein Faber
- Address: Römerstraße 140  
D-47546 Kalkar NRW, Germany
- Phone: +49 (0)2824 90 2258 Work
- Email: [Faber@japcc.org](mailto:Faber@japcc.org)

#### **8. ACCOMMODATION**

- a. No centralized booking or block reservation is provided.
- b. Accommodation is individual responsibility.
- c. Suggested hotels are:

**Rilano Hotel Kleve – City**  
Bensdorpstraße 3

47533 Kleve  
Phone: + 49 (0)2821 74946435

**Akzent City Hotel Kleve**

Lindenallee 37  
47533 Kleve  
Phone: + 49 (0)2821 72630

**Landhaus Beckmann**

Römerstraße 1  
47546 Kalkar  
Phone: + 49 (0)2824 96256666

Although the latter is certainly the nearest, it is also located some distance away from the nearest town and not connected with public transportation.

**9. ARRIVING AND TRANSPORTATION**

a. Airports:

Dusseldorf – Weeze, 30 minutes 25 Km (minor airport, but the closest)  
Dusseldorf International Airport 1 hour 80 Km (nearest international airport)  
Amsterdam Schiphol 1H 45min 155 Km (closest intercontinental)

b. Trains:

Kalkar has no train station. Nearest stations are in Kleve and Goch, coming from Dusseldorf. There is a direct line to Nijmegen (NL) from Amsterdam Schiphol.

c. Car:

Car rental is available at all the airports mentioned above. It is suggested to allow 3 hours to and from Brussels due to traffic which is also an issue for both Dusseldorf Int'l (about 1.2 hours) and Schiphol (between 2 and 3 hours depending on time of the day)

10. CATERING ARRANGEMENTS. Meals while at the meeting can be consumed at the local Kasino (limited menu a-la-carte, price depending on ordered food) or that the Kuche (barracks canteen, fixed price €3.10, self service) and are not included in the conference fees.

11. SOCIAL EVENTS

No social events are scheduled.

12. CONFERENCE FEES

A fee of €6.00 in cash will be collected upon arrival.

13. DRESS CODE

Business attire for the duration of the meeting.

## Registration Form

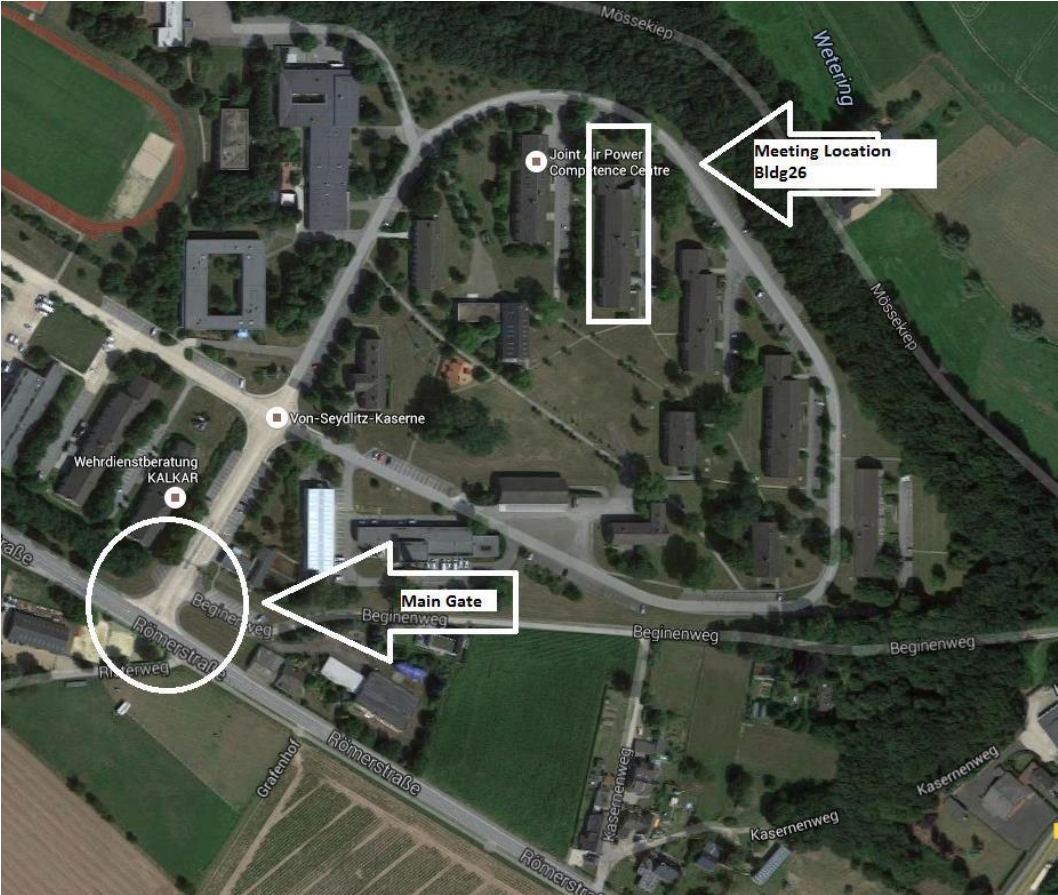
FRR TOE Meeting 13 July 2016

|                       |  |
|-----------------------|--|
| SURNAME               |  |
| FIRST NAME            |  |
| TITLE / RANK          |  |
| COUNTRY               |  |
| ORGANIZATION / AGENCY |  |
| NATIONALITY           |  |
| ID NUMMER / TYPE      |  |
| PHONE                 |  |
| E-MAIL                |  |

Please complete form and return NLT 1 July 2016 to **BOTH**:

- **Maj Hein Faber**, ([Faber@JAPCC.org](mailto:Faber@JAPCC.org))
- Mr Osman Tasman, ([tasman.osman@hq.nato.int](mailto:tasman.osman@hq.nato.int))

Map Meeting Facility von-Seydlitz Kaserne



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**TEAM OF EXPERTS  
ON FUTURE VERTICAL LIFT REQUIREMENTS  
(TOE FVLR)****TERMS OF REFERENCE****1. AREA OF RESPONSIBILITY**

- 1.1 The Team of Experts on Future Vertical Lift Requirements (TOE FVLR) is responsible for the identification, analysis and integration of applicable vertical lift technologies, operational requirements and defence investment and support strategies to meet NATO's future rotorcraft needs in the 2030-2035 time period.
- 1.2 The various strands of the NATO activities will be integrated by the TOE FVLR and documented in a draft NATO Staff Target (NST)<sup>1</sup>.

**2. MISSION**

- 2.1 The TOE FVLR is to identify and assess current and evolving NATO vertical lift-applicable technologies, projected force capabilities, force structure requirements, as well as applicable Doctrine, Tactics, Techniques and Procedures leading to the development of an integrated Future Vertical Lift NST.
- 2.2 The mission will be accomplished through the exchange of information and analysis of applicable NATO Science and Technology programs, interaction with Allied Command Transformation, the NATO Industrial Advisory Group, and other NATO and national organizations and agencies involved in technology, force development, force operations and systems acquisition and support.

**3. TASKS**

- 3.1 Develop and execute an integrated two-year program of work approved by JCG VL to identify, analyze, assess and document advanced rotorcraft technologies, force operational requirements, minimum force structure requirements.
- 3.2 Identify and document operational concepts, doctrine, tactics, techniques and procedures that impact the design, development, employment and support of a future rotorcraft in the time period of interest.
- 3.3 Identify and incorporate information from applicable national or multinational technology and force development programs applicable to a future rotorcraft program.
- 3.4 Act as the single integrating organization within NATO for future vertical lift science and technology, force operational requirements and defence investment planning.
- 3.5 Document the various strands of the TOE FVLR's work packages into a draft NATO Staff Target for a Future Vertical Lift Aircraft.

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<sup>1</sup> AAP-20 The Handbook of the Phased Armaments Programming System (PAPS), February 1989; revised by Edition 2, February 2010. The NST format will be in accordance with AAP-20, Edition 1, Volume I, February 1989.

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### **4. COMPOSITION AND ORGANIZATION**

- 4.1 TOE FVLR is a permanent unentitled group of two-years duration subordinate to JCG VL. JCG VL, with the concurrence of the NATO Army Armaments Group, may extend the duration of the TOE FVLR. The composition and organization of TOE FVLR shall be in accordance with the guidance set out in the Main Armaments Group (MAG) Handbook and this TOR.
- 4.2 Membership shall be open to representatives of the NATO Science and Technology Organization, Allied Command Transformation, NATO Industrial Advisory Group and other NATO organizations and agencies addressing applicable rotorcraft technologies, operations, communications, standardization, interoperability, acquisition and support.
- 4.3 TOE FVLR is open to Partnership for Peace nations and such other nations as may be proposed and approved by JCG VL on a case-by-case basis.
- 4.4 TOE FVLR holds NATO-Only sessions as appropriate.
- 4.5 The TOE FRR Chairperson, Deputy Chairperson and Rapporteur will be selected from its members.

### **5. METHOD OF WORK**

- 5.1 TOE FRR will normally meet for two days twice a year at NATO Headquarters and/or other locations as announced in conjunction with JCG VL.
- 5.2 The Chairperson will be expected to report to JCG VL at its regularly scheduled meetings twice a year.
- 5.3 The Chairperson may call additional meeting at a venue to be announced as the situation dictates.
- 5.4 Maximum use will be made of video teleconference and other electronic media in the conduct of the activities.
- 5.5 TOE FVLR will work up to and including the classification of NATO SECRET, but should use the lowest security classification appropriate.