

# Input to campaign functions for 132nd website

Campaign functions

Current As Of (CAO): 1. August 2200Z

# Principles

- Reduce amount of steps ("clicking"), or time consuming tasks as much as possible
  - However, at the start/before the campaign start, it can be alot, as it can be handled by mission designer before campaign start
- Realistic approach, but adjusted to 132nd need and manpower
- Time spent on analysis and planning, not on plotting (VIS/JFACC)
- Make it easy to setup events/run missions from week to week.
  - Giving focus on mission planning and mission editing

**Endstate: "Create the most realistic and immersive MP campaign in DCS"**

- Create orders (AOD, JAOP, Operations order)
- Create intelligence summaries (VIS)
- Create intelligence reports
  - Plus intel injects (higher VID reports)
- Build enemy order of battle (down to Battalion)
  - Air Force, IADS, ground forces, ships.
  - Different countries
- JFACC roles, AOC roles, VIS roles
- TGT list (master target list)
  - Target folders
- JPTL list
  - Per event
- Intelligence / BDA reporting part of AAR
- Campaign objectives
  - Broken down into phases?
- Request for Information (RFI) function and tracker
- Information requirements tracker
  - IR attached to taskings? Can then be answered by that flight in aar?

# Mission designer workspace

- **Weather forecast. Current and next 3 events**
  - A way to input the current weather on a event, and and the forecasted weather for the next 3 events. Can be normal plaintext.
  - Need to be visible and available to everyone attending events (Pilots, VIS and JFACC)
- **Maintenance situation**
  - A way to input if certain assets are down (AWACS/Tankers). Can for example be a extra option for mission designer in the air asset function (Might already be there with "State"?)
  - If a asset are down, it should not be availble for tasking (so temporary not possible to select that asset)
  - Should be a way to set how long the asset are down (D+1 to D+3 for example)
  - Need to be visible for JFACC as a minium, but desired for everyone to be able to see it.
- **Logistical situation**
  - A way to input (freetext) information about the logistical situation (low number of a certain type of missiles, etc
  - Need to be visible for JFACC as a minium, but desired for everyone to be able to see it.

# Mission designer workspace

- **Air Request**
  - It would be ideal with a function/form on the website in the workspace for Mission designer/event host to submit a air request that goes to JFACC for processing. The current air request form is shown on picture to the right (From AWACS TTP).
    - Ideally it should also be possible for a JTAC to submit this in case a JTAC want to take part in the mission, based on the mission brief or availability. So maybe a JTAC usergroup, which also contains this function?
  - The idea is that mission designer/host is able to inject stuff into the mission in a natural way, so the JFACC need to handle it and take it into their priorities
  - All Air request should end up in a table visible for all participants, with the status from JFACC shown.
  - The idea is also that once JFACC process the air request, it will automatically create a tasking on the ATO (Draft ATO) based on this request. It will then ideally fill out the FAC data information in the tasking (See picture below, right)
  - In line 1:
    - Option 1: Use JTAC callsign (from dropdown after JTACs have been added as assets, see below) . This will create a CAS tasking
    - Option 2: is a request from Corps Commander (Ground Force Commander in a area) (maybe also added as a asset?), this will create a AR tasking
  - Line 2: Request number (as identifier, in the table with all requests) should start with DX (X0 day of the event, for example D01, or D10, then it should be the first and last letter in the callsign or unit (for Corps Commanders), for example WR=Warrior, AN= Assassin, following by rising number for the amount of air requests from that specific callsign. So a full request number will be : D03WR01 = D+3, Warrior, request number 1.
    - Date-time: Real world time when it is submitted
  - Line 3: Dropdown menu for the 3 options: 1=Emergency, 2= Priority, 3=Routine
  - Line 4: Freetext field
  - Line 5: A dropdown menu to select points already on the campaign tracker, with a optional way of manually inputting coordinates
  - Line 6: Select one of the three options: ASAP/Not later than/At, and add field to input data based on the selected option
  - Line 7: Freetext field
  - Line 8:
    - Final Control: Dropdown: JTAC/FAC(A)/SCAR
    - Callsign: Dropdown menu of available assets
    - Frequency: Autofilled based on asset selected above, optional a manually inputted freq. Need both primary and secondary every time (primary UHF, secondary VHF or vice versa)
    - Contact Point: Selected from points imported to the website. Also a option to manually input a contact point



132nd Virtual Wing | TTP

## Annex A – Joint Tactical Air Strike Request

Joint Tactical Air Strike Request

Section 1, mission request

1. \_\_\_\_\_ This is Warrior/Playboy/Iceman/ \_\_\_\_\_

2. Request number \_\_\_\_\_ Date-time \_\_\_\_\_

3. Preplanned/Immediate, priority (1 = emergency, 2 = priority, 3 = routine)

4. Target is/are: \_\_\_\_\_

5. Target location is: \_\_\_\_\_ ( , /LAT/LONG, KILLBOX

6. Target Time/Date: ASAP / Not later than / At

7. Desired ordnance: \_\_\_\_\_

### FAC - Forward Air Control

FAC #1

**Callsign** WARRIOR  
**Type** JTAC  
**Position** ROZ SPARTAN  
**Contact Point** PER JTAC WARR  
**Primary Freq** RED11 (119.25)

Example:

1. Overlord, this is Warrior
2. Request number WR01, 170615, 1515Z
3. Immediate, priority 3
4. Targets is enemy column of 4 Infantry Fighting Ve
5. Location 38T MM 762 384 moving west
6. Time On Target: ASAP
7. Ordnance desired is Precision Guided Munition
8. A. Final control by JTAC
8. B. Callsign: WARRIOR
8. C. Frequency: Orange 9/117.200

# Common workspace (VIS+JFACC)

### RFI tracker (Request for information tracker)

- A function for pilots / everyone to ask any question to either JFACC or VIS. In order for tracability and making it easy for everyone to see it, it would be ideal if it is visible for all participants.
- Can be a form that is submitted?
- Should be part of Campaign View
- Example to the right (but lacking who the question is for and a field for answers).
- In VIS/JFACC workspaces, they need the opportunity to write and modify answers to the RFI's that are sent in from the participants.
  - Maybe have a field internally for VIS/JFACC where a individual can be assigned to answer the question (and then comes up as a alert on the website (Or a NOTAM type message, just different color)
- Should have a date and time + who have answered

**JPTL (Joint Prioritized Target List)**

- The JPTL should be tied to ATO (event). So JPTL A belongs to ATO D+1, JPTL B to ATO D+2 and so on.
- Both VIS and JFACC should have the option to access to JPTL functions
- Should contains fields from example from bottom right or link: [https://132nd-wwing.github.io/OPAR-Brief/ORDERS/JFACC/OPAR\\_JOINT\\_TARGET\\_LIST\\_D11.pdf](https://132nd-wwing.github.io/OPAR-Brief/ORDERS/JFACC/OPAR_JOINT_TARGET_LIST_D11.pdf)
- Should be visible on a ATO view, or event information.
- If possible, should have two versions: Draft and final. Final is approved by any of the JFACC members, but it should have a separate button to make it published.
- Also, maybe possible to work with additional JPTLS that are further out in time (so if a JFACC member have a lot of time a week, he can do the work for the next 3 events for example)

### TST matrix (Time Sensitive Target)

- TST matrix is not tied to a specific event, so it should be visible at all events. However, it may change from event to event, so VIS and JFACC both need the option to modify, add or delete targets on this list.
- Should be visible on a ATO view, or event information.

RFI Number	Who (Requester)	When	What
001	Neck	Request information for planning for mission D+5 ( 8th November)	Request information about SA-2 SAM system. 479th have made a very good threat guide, see link below. However SA-2 is lacking from this guide. Request ir Reference document <a href="https://drive.google.com/file/d/1THUkum16gdwOGvGvTV8a7xYzRmS5ApD3/view?usp=sharing">https://drive.google.com/file/d/1THUkum16gdwOGvGvTV8a7xYzRmS5ApD3/view?usp=sharing</a>
002	Neck	Request information for planning for mission D+5 ( 6th November)	Request information about Syrian aircraft A-A missiles. Request information about the following aircraft: SU-24, MiG-21, MiG-23, MiG-25, MiG-29 - What kind if missiles can be carried on each - What kind of homing (IR / Radar) - What is the threat level for each missile - What is the range - What is the No Escape zone for each missile  VIS have earlier made a report on A-A missiles, so this is a validation of the information in that report: <a href="https://cdn.discordapp.com/attachments/740260284169584722/756570409562013828/Russian_Air_to_Air_Mu">https://cdn.discordapp.com/attachments/740260284169584722/756570409562013828/Russian_Air_to_Air_Mu</a>
003	Ashlita	Information to be gathered D+4 in anticipation for D+5/6	In order to further our campaign for air superiority, it is important that JFACC begins not just to understand who actually being used - we know where SyAF aircraft are based but we are yet to begin to build a clear picture of - Is it possible to determine where QRA aircraft are departing? - Have we yet determined whether CAP are airborne in advance of our sorties and, if so, where? - Are we able to identify zones or distances at which QRA appears to be triggered? - Can we infer any time between detection and QRA being scrambled/effective? - Are there assets or resources viewed as critical to the SyAF air campaign?
			Request an assessment from VIS and recommendation of 1-3 "lanes" into Syrian territory ( Either from NORTH

[illegible]

# Common workspace (VIS+JFACC)

- Information Requirements ( see OPAR example:  
<https://docs.google.com/spreadsheets/d/1LViYRKN5BkhykkptcFeu4YzFzrTAWMaEXeRyeqkVcyE/edit?usp=sharing> )
- VIS will have information/intelligence gaps, and this will be translated to questions that can be tasked to flights as needed, that can help answer the questions in order to close the intelligence gaps.
- In the shared workspace, VIS will create the questions
- JFACC, as part of the tasking (ATO production) will assign the different IR(Information Requirements) to various flights

EXPLANATION						
Information Requirement*	What* What is the information requirement	Who* Who have the information gap/information requirement	Collection* How can we answer this IR ? - RFI to higher, (to VID) - conduct mission to collect on the IR - Own production and analysis	Responsible* How is taking this and working it	Status* Status on the IR (just registered) is progress. It is either sent as RFI or someone is tasked to do something Partially answered: We have some answer, but still need more Answered: IR is answered and does not require more work	Answer* What is the answer to the information requirement. C also be a link to a report or other place where information is stored
OPAR INFORMATION REQUIREMENTS (INFORMATION GAPS)						
Information Requirement	What	Who	Collection	Responsible	Status	Answer
IR 1	What is the location of Russian Tu95 assets				Not started	
IR 2	Are there indications of possible relocation of enemy assets in support of defensive operations				Not started	
IR 3	What airbase do Syrian aircrafts take off from?				Not started	
IR 4	Where are the Syrian SCUD missiles?				Not started	
IR 5	Are there any indicators of movement for 4th Corps?				Not started	
IR 6	Are there any indicators of movement for 5th Corps?				Not started	
IR 7	What are the indicators for overt Russian aggression against CJTF					

# JFACC workspace

- Air Requests (From Mission designer or JTACs)
  - Linked to Mission Designer Air request function (See Mission Designer workspace).
  - Once a air request is sent from Mission designer, the air request shows up in a table in JFACC workspace, under Air Requests.
  - The request should have 3 different labels: Not started/In progress/Completed
  - The request should have 2 answers: Supported/not supported
  - In the table, if possible have a button to create a tasking, that is tied to the air request. Once the tasking is up, it is added to the draft ATO similar (but takes some of the information directly from the Air request)
  - Once a Air request comes in, it should give a "notam" type notification (different color)? To people in JFACC.
- Campaign management
  - A page/function to focus on the overall big picture management of the campaign: (maybe output of this page/workspace is the JAOP, Joint Air Operational Plan: [https://132nd-vwing.github.io/OPAR-Brief/ORDERS/OPAR\\_JFACC\\_JOINT\\_AIR\\_OPERATIONS\\_PLAN\\_D1.pdf](https://132nd-vwing.github.io/OPAR-Brief/ORDERS/OPAR_JFACC_JOINT_AIR_OPERATIONS_PLAN_D1.pdf))
    - What are the campaign objectives
    - Master Air Attack Plan
    - What are the phases of the campaign
    - Connect objectives to phases
  - Tasking (AOC)
  - Create draft ATO (Create event D+2, ATO D+2 , etc)
- Visible who is "Commander JFACC" for that specific event (call the shots, and can coordinate with that person as needed)
  - A function for mission designer or anyone from JFACC to nominate who is "Commander JFACC" per event. Maybe a better way phrase it is 1 person i JFACC, the rest are JFACC staff. (So what we today have called JFACC is JFACC staff, and JFACC is the commander on that specific event)
- SPINS document
- ATO document, with all taskings (For everyone involved to get a overall SA, especially AWACS controllers).
  - To have reference / link to all important documents:
  - AOD, JPTL, SPINS, Daily spins
- ACO: Automatic generation of ACO together with ATO (Based on the Airspace Control Plan (CombatFlite masterfile))








# VIS Workspace

- Create intelligence summary
- Create intelligence report
- Enemy order of battle (BDA)
  - Ground forces
  - Air Forces
  - Air Defence Forces (IADS)
  - Naval forces
- Master target list
- ICR Intelligence Collection Requirement
  - Drafts , that can be attached to flights on the ATO

# INTEL / VIS: Enemy order of battle

- A list/function to show the enemy forces.
- Ideally it should be able to show enemy forces, broken down in the following:
  - Ground Forces
  - Air Forces
  - Air Defense Forces
  - Naval Forces
- For all forces, it should be able to break down / split up the units so the lowest unit is either battalion or company. For example see picture bottom right or this link:  
[https://drive.google.com/file/d/1iwW3iR-q\\_dpTVp3p-121SfFY0BL-lpd5/view?usp=sharing](https://drive.google.com/file/d/1iwW3iR-q_dpTVp3p-121SfFY0BL-lpd5/view?usp=sharing)
- Ideally a graphical representation and % as shown on the picture to the top right
- VIS Function: For VIS it should be easy to go in and adjust the numbers based on the BDA (for example in a armored division as shown on the picture bottom right).

Enemy Forces				
ENY Name	Pos	Type	State	Description
#1 222n Mech Inf	HAIJABAD	regiment	75% 	The 222nd Mechanized Infantry Regiment HAIJABAD. ...
#2 133rd Armor Reg	LAR	regiment	40% 	2x MBT BN (12x T-72 in each Battalion) 1x tubes...
#3 151st Armor Reg	JIROFT	regiment	25% 	2x MBT BN (12x T-72 in each Battalion) 1x tubes...
#4 72nd Air Defense Brigade	KERMAN	sam	80% 	Supports critically important installations/ar 11 Ba...
#5 21st Costal Artillery	BANDAR-E-	artillery	100% 	BACKGROUND The 21st CAB was formed

[illegible]

# AAR -> Reported information table

- In the AAR, have a separate section for Intelligence and BDA to make sure pilots do not mix up the two, making it harder for VIS to see what is what.
- Ideally the reported information from Intelligence and BDA sections on the AAR exports into a reported information "masterlist" / table that is available on the website. (Example OPAR: [https://docs.google.com/spreadsheets/d/1x\\_R9hlsij6ziDbQpDlugntAisaQUk6diqUeznc2akyw/edit?usp=sharing](https://docs.google.com/spreadsheets/d/1x_R9hlsij6ziDbQpDlugntAisaQUk6diqUeznc2akyw/edit?usp=sharing) ) Also see picture bottom right.
- Each of the pilots observations should be a separate entry (so maybe the AAR format need to be changed to facilitate that?)
- Maybe have location as a mandatory point for Intelligence and BDA in AAR?
  - Suggest also to have option to use IVO and freetext the location, for example a city
  - If given in bullseye, then website will automatically translate it into a coordinate (see below) in the master reported information table
- Function where a pilot can add a bulls location, and the website then calculate the real position
  - Mission designer or JFACC can set Bullseye position somewhere on the website (SPINS), and the website can use this to calculate the location? This will then feed into VIS
  - Example: <https://www.fcc.gov/media/radio/find-terminal-coordinates>
  - <https://www.youtube.com/watch?v=IVz4f36xwUs>
- Related comment/suggestion from VIS member: *"I really like the idea that web site should calculate the A/C coordinates based upon bullseye. It's a good step in the right direction. Ideally it should also be able to calculate the INTEL based on the calculated A/C position. Many reports; "DIRT SA-2 5 o'clock, own position BE 089/120, own heading 320". It may not be 100% accurate but using DIRT/MUD for inner ring on RWR would be preferred"*
- Ideally , the output of this (after manual adjustments) from VIS, is that the masterlist (for that event) can be exported and create points for a file that can be opened in combatflite with the locations and observations. This will save a lot of time and effort and will be a gamechanger! (**Very important function!!**)
- On the campaign have a function to give a notification automatically to pilots that have not filled in anything in the AAR after 2-3 days after the event. (To ensure the intel is getting int). Maybe a NOTAM kind of message?
- In order to generate the master reported information table, it should be a button in the VIS workspace to pull the information from the AAR and populate the reported information table. Once it is done, the information will not be changed even though AAR's change. (Then it manually need to be changed by VIS or mission designer.
- In the reported information table the what should have an option to have different colors, to make it easier to separate for VIS. For example: Air Forces, Air Defence Forces(IADS), Ground Forces, Naval forces, other countries.
- The reported information table should be able to be viewed as whole (all events), or a single event

Reference Number	Who	Mission	G-Time	Z-Time	Where	Type	What	Comment / Pilot text to imagery	Picture	VIS Evaluation
D11_1	MISTY 8-1	D+11			N36 33.214 E036 54 418	INTEL	3x BMP2 1x SA-13 1x Fuel Truck ATU2-5 1x Transport GAZ-66	OPAR D+11, INTEL, MISTY 81, #1	<a href="https://cdn.discordapp.com/attachments/740261345307595844/1031845307595844094/RL_D11_VIPER_1-1_TGT039_4.png">https://cdn.discordapp.com/attachments/740261345307595844/1031845307595844094/RL_D11_VIPER_1-1_TGT039_4.png</a>	Mechanized platoon + supporting air defence battery (Expecting a SHILKA in same area as well)
D11_2	MISTY 8-1	D+11			N36 30 819 E037 02 092	BDA	Division field HQ (Confirmed destroyed during D+11)	OPAR D+11, MISTY 81, BDA, #2	<a href="https://cdn.discordapp.com/attachments/740261345307595844/1031845307595844094/RL_D11_VIPER_1-1_TGT039_4.png">https://cdn.discordapp.com/attachments/740261345307595844/1031845307595844094/RL_D11_VIPER_1-1_TGT039_4.png</a>	Divisional HQ. Uncertain if belong to 11th Mechanized division or 21st Mechanized (Need more data on 2nd corps deployment)
D11_3	AXE 9-2	D+11		2020z	N36 17 900 E037 03 830	INTEL	2x T72	AXES9, OPAR-D+11, INTEL#1 WHAT: 2x MBTs, stationary WHERE: N36 17 900 E037 03 830 WHEN: 2020z	<a href="https://cdn.discordapp.com/attachments/740261345307595844/1031845307595844094/RL_D11_VIPER_1-1_TGT039_4.png">https://cdn.discordapp.com/attachments/740261345307595844/1031845307595844094/RL_D11_VIPER_1-1_TGT039_4.png</a>	Part of armored division. Estimated remnants of 10th-Armored tasked with guarding WEST approach route to ALEPPO
D11_5	VIPER 1-1	D+11		1915z-1940z	Jirah AB, N 36 05 500 E 037 36 000 OPARGT0039	BDA	DPI 4, fuel storage, destroyed (BDA TGT039_4)	BDA OPAR D+11, VIPER 1-1, TGT039_4	<a href="https://cdn.discordapp.com/attachments/740261345307595844/1031845307595844094/RL_D11_VIPER_1-1_TGT039_4.png">https://cdn.discordapp.com/attachments/740261345307595844/1031845307595844094/RL_D11_VIPER_1-1_TGT039_4.png</a>	
D11_6	VIPER 1-1	D+11		1915z-1940z	Jirah AB, N 36 05 500 E 037 36 000 OPARGT0039	BDA	DPI 6, secondary ammo storage, destroyed (BDA TGT039_6)	BDA OPAR D+11, VIPER 1-1, TGT039_6	<a href="https://cdn.discordapp.com/attachments/740261345307595844/1031845307595844094/RL_D11_VIPER_1-1_TGT039_6.png">https://cdn.discordapp.com/attachments/740261345307595844/1031845307595844094/RL_D11_VIPER_1-1_TGT039_6.png</a>	

# OTHER

- Change from FAC to JTAC (Forward Air Controller to Joint Terminal Attack Controller) for taskings for CAS with a ground controller
- Add FAC(A) for CAS with a air controller
- JTAC added as asset
  - It should be possible to add various JTACs (with freqs) as assets similar to AWACS/Tankers in order to reserve/block the freqs and make sure they have the necessary freqs to do CAS.
  - As show on picture on the right
- Corps Commanders added as asset
  - It should be possible to add various Corps Commanders (With freqs) as assets similar to AWACS/Tankers in order to reserver/block the freqs and make sure they have the necessary freqs to do AR.
  - As show on picture on the right

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## Operation Urgent Fury (OPUF)

### Air asset 808

Type: Tanker KC-10 Boom

Asset name: 808 Asset names must be unique (per campaign). Use a name that identifies the *airframe*, e.g. *bort n*.

Description: 808 MPRS

State: On ground Describe state (optional): asdfasdfdf

Location: - specify location (optional):

Setting The following settings are reserved for this asset. These values will not be allocated to generated taskings and will be unavailable when hosting campaign events. A link to the full list of all frequency reservations can be found on the can

reservations [edit](#)

Freq: AMBER1 124.750

Freq: INDIG03 233.500

IFF: 3671-3677

TCN: 6X

Add: -

asset_id	4
campaign_id	1
asset_type	tanker
asset_name	808
asset_desc	808 MPRS
asset_location	-
asset_spec	
asset_state	ground

# Workflow suggestion? JFACC

- An idea is to setup a form of workflow for JFACC per event, taking it through various steps (different pages?)
  - Rationale is to streamline the process, giving the tools to support the process, and avoid time on formatting and finding information. Focus is spent on planning and how to solve it. Website supports with the process
- Ideally one such workflow is available per event (ATO day), so future days can be worked with in advance as well, as drafts.
- Endstate of the workflow is a approved ATO, approved JPTL, approved AOD, approved ACO
- Example:
  - Step 1: Verify objectives (make sure they are still valid)
  - Step 2: Verify TST matrix (make sure it is still valid)
  - Step 3: Determine JPTL (Which targets are prioritized targets)
  - Step 4: Process Air Requests (From JTACs and Corps Commanders – sent by mission designer)
  - Step 5: Write AOD (Air Operations Directive) (Example AOD: [https://132nd-vwing.github.io/OPAR-Brief/ORDERS/JFACC/OPAR\\_JFACC\\_AOD\\_D11.pdf](https://132nd-vwing.github.io/OPAR-Brief/ORDERS/JFACC/OPAR_JFACC_AOD_D11.pdf) )
  - Step 6: Create taskings (ATO) and

# Workflow suggestion? VIS

- An idea is to setup a form of workflow for VIS per event, taking it through various steps (different pages?)
  - Rationale is to streamline the process, giving the tools to support the process, and avoid time on formatting and finding information. Focus is spent on planning and how to solve it. Website supports with the process
- Ideally one such workflow is available per event (ATO day), so there is tracability, and one can go back and look at previous steps if needed
- Endstate of the workflow is a updated master reported information table (which contain all reported information/intelligence and BDA), Intelligence summary's produced, combatflite threat file updated, Input to TST matrix and JPTL provided to JFACC's workflow, intelligence gaps identified and forwarded as ICR to JFACC for addition to the ATO for relevant flights
- Example:
  - Step 1: Make sure all AAR's are filled out
  - Step 2: Export information from AAR's (Reported information/intelligence and BDA) to reported information masterlist/table
  - Step 3: Review information in reported information masterlist/table (to make sure there are no errors, and the file is ready to be exported)
  - Step 4: Export from reported information masterlist/table to a file that can be opened in CombatFlite. Gives locations for all observations and BDA from the AAR
  - Step 5: Write INTSUM (Freetext on website)
  - Step 6: Suggest targets for JPTL
  - Step 7: Suggets targets for TST matrix/review TST matrix

# For reference

Reporting Elements	Tactical	Operational	Strategic
<b>Operational Events (results from tasked mission)</b>			
<ul style="list-style-type: none"> <li>Report results of friendly force action</li> <li>Provide data used for targeting</li> </ul>	<ul style="list-style-type: none"> <li>Determine status of target or objective</li> <li>Support decision to re-engage</li> </ul>	<ul style="list-style-type: none"> <li>Identify operational targets</li> <li>Validate and revise decision points</li> <li>Determine critical vulnerabilities</li> </ul>	<ul style="list-style-type: none"> <li>Local and strategic assessment</li> <li>Assess and forecast threat activity</li> <li>Report which force is best suited for the mission</li> </ul>
<b>Hostile Events (overt indication of hostile activity and intent)</b>			
<ul style="list-style-type: none"> <li>Report size, activity, location, and type of threat activity</li> </ul>	<ul style="list-style-type: none"> <li>Imminent threat warning</li> <li>Identify targets of opportunity</li> <li>Local threat assessment</li> </ul>	<ul style="list-style-type: none"> <li>Provide information on the threat's size, movement, and situation</li> <li>Operational threat assessment</li> </ul>	<ul style="list-style-type: none"> <li>Identify order of threat activity</li> <li>Provide indication of threat intent</li> </ul>
<b>All Others (unknown nature or intent)</b>			
<ul style="list-style-type: none"> <li>Observation of ground battle areas, targets, or sections of airspace</li> </ul>	<ul style="list-style-type: none"> <li>Identify hazards and obstacles to movement</li> <li>Ensure detection in areas without significant ground presence</li> </ul>	<ul style="list-style-type: none"> <li>Enable freedom of movement</li> <li>Identify key terrain</li> <li>Warn of territorial incursions</li> </ul>	<ul style="list-style-type: none"> <li>Warn and assess threat activity</li> <li>Local and strategic assessment</li> </ul>
<b>Reporting inputs determined by mission; use can span all levels of reporting</b>	<b>Reporting facilitates situational awareness; leads to improved decision making</b>	<b>Raw information analyzed and correlated to assess progress and intent</b>	<b>Critical information for decision making</b>

Tactical	Operational	Strategic
<b>Purpose</b>		
<ul style="list-style-type: none"> <li>Imminent threat warning</li> <li>Identify targets of opportunity</li> <li>Local threat assessment</li> </ul>	<ul style="list-style-type: none"> <li>Provide information on the threat's size, movement, and situation</li> <li>Operational threat assessment</li> </ul>	<ul style="list-style-type: none"> <li>Identify the enemy's force structure and intent</li> <li>Provide threat warning</li> </ul>
<b>Information Requirements</b>		
<ul style="list-style-type: none"> <li>What is the threat?</li> <li>How is it detected?</li> <li>How does it affect tactical employment?</li> <li>What counter-tactics are effective?</li> </ul>	<ul style="list-style-type: none"> <li>Does the threat require changes to force disposition?</li> <li>Are changes in operational planning or employment required?</li> <li>What are the enemy's targeting priorities?</li> </ul>	<ul style="list-style-type: none"> <li>To what extent can threat capabilities be integrated?</li> <li>What DOTMLP are required to counter the threat?</li> </ul>
<b>Essential Elements of Information</b>		
<ul style="list-style-type: none"> <li>Friendly aircraft conditions at time of occurrence</li> <li>Size, activity, location, and type of threat activity</li> <li>Means used to detect and identify the threat</li> <li>Tactics employed by the threat</li> <li>Counter-tactics used by targeted aircraft and degree of effectiveness</li> </ul>	<ul style="list-style-type: none"> <li>Effectiveness of systems and procedures used to identify and detect the threat</li> <li>Ability to discern enemy forces from friendly and neutral elements</li> <li>Identification and involvement of friendly and neutral elements in the vicinity</li> <li>Restrictions on self defense imposed by rules of engagement</li> </ul>	<ul style="list-style-type: none"> <li>Equipment vulnerabilities that cannot be mitigated by tactics</li> <li>Key indicators of enemy formation, designation, and intent</li> <li>Changes in enemy tactics or capabilities</li> <li>Electronic indicators that immediately be</li> </ul>