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## Malmgren, Jim E Civ USAF AFMC 505 ACSS/GFLA

From:

Schneider, Thomas A Col USAF AFMC 309 AMARG/CC

Sent:

[Thomas.Schneider@dm.af.mil] Monday, October 05, 2009 9:34 AM

To:

Boor, William H Civ USAF AFMC 505 ACSS/CL

Roach, Christophe F Col USAF AFMC 558 ACSG/DD; Tremelling, Janet Civ USAF

AFMC 558 ACSG/CL; Engle, Dwight E Civ USAF AFMC 505 ACSS/GFLA; Downs, Wayne Civ USAF AFMC 75 CEG/CEVC; Mills, David W Civ USAF AFMC 75 CEG/CEVC; Malmgren, Jim E Civ USAF AFMC 505 ACSS/GFLA; Fields, Linda K Civ

USAF AFMC 309 AMARG/DD; Hofacre, Gregory D Civ USAF AFMC 309

AMARG/OBW; Smith, Colleen Civ USAF AFMC 309 AMARG/OB-A; Barnes, Gregory

solid blume Percels send fed so

R Civ USAF AFMC 578 SDS/MXDPB; Rohde, Robert R Civ USAF AFMC 578

Subject: Signed By: SDS/CL; Schneider, Thomas A Col USAF AFMC 309 AMARG/CC RE: IMMEDIATE ACTION--eSSS UC-123K Disposal/Recycle (#4340)

In the course of this produce, radium, sebrator, Pills, etc say

thomas.schneider@dm.af.mil

Buddy,

I am the primary POC for UC-123 Issues. Handling of these aircraft will be a sensitive issue.

Greg Barnes, 578 Demil Flight Chief, 228-8330, will be the action officer for the demil preparation.

Col Tom Schneider

THOMAS A. SCHNEIDER, Col, USAF

Commander, 309th Aerospace Maintenance and Regeneration Group

Davis-Monthan AFB, AZ

DSN 220-8146

Commercial 520-228-8146

Redactions are highlighted in green.

----Original Message----

From: Boor, William H Civ USAF AFMC 505 ACSS/CL

[mailto:William.Boor@HILL.af.mil]

Sent: Monday, October 05, 2009 7:23 AM

To: Schneider, Thomas A Col USAF AFMC 309 AMARG/CC

Cc: Roach, Christophe F Col USAF AFMC 558 ACSG/DD; Tremelling, Janet Civ USAF AFMC 558 ACSG/CL; Engle, Dwight E Civ USAF AFMC 505 ACSS/GFLA; Downs, Wayne Civ USAF AFMC 75 CEG/CEVC; Mills, David W Civ USAF AFMC 75 CEG/CEVC; Malmgren, Jim E Civ USAF AFMC 505 ACSS/GFLA; Fields, Linda K Civ USAF AFMC 309 AMARG/DD; Hofacre, Gregory D Civ USAF AFMC 309 AMARG/OBW; Smith, Colleen Civ USAF AFMC 309 AMARG/OB-A

Subject: RE: IMMEDIATE ACTION--eSSS UC-123K Disposal/Recycle (#4340)

Sir -

Tried to reach you by phone and left a message...

We would appreciate AMARG's assistance to answer a question concerning the DMIL process at AMARG for the UC-123 a/c that are currently in quarantine storage (attached emails). Our POC at AMARG for this type of question has been Greg Hofacre but wanted to check with your office first in case there

might be someone else we should contact.

#### Thanks, Buddy

----Original Message-

From: Mills, David W Civ USAF AFMC 75 CEG/CEVC

Sent: Monday, October 05, 2009 7:18 AM

To: Boor, William H Civ USAF AFMC 505 ACSS/CL; Malmgren, Jim E Civ USAF AFMC

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SUBSTRUCT: NO. DEMONSTRUCT SEE SEE

505 ACSS/GFLA

Cc: Roach, Christophe F Col USAF AFMC 558 ACSG/DD; Tremelling, Janet Civ USAF AFMC 558 ACSG/CL; Engle, Dwight E Civ USAF AFMC 505 ACSS/GFLA; Downs, Wayne Civ USAF AFMC 75 CEG/CEVC

Subject: RE: IMMEDIATE ACTION--eSSS UC-123K Disposal/Recycle (#4340)

#### Buddy,

Do you need further assistance from CEV in this process? It would appear to me that these aircraft would follow the standard demilitarization process culminating in the destruction of the aircraft in the manner discussed in the report. In the course of this process, radium, asbestos, PCBs, etc may be produced and therefore be in need of disposal. If we can assist you with the disposal process or any other part of the process, please let me know.

//SIGNED// drug termen, till baset filiges dittell, ide-exter selle se the David W. Mills, YF-02 Chief, Environmental Compliance Branch DSN 777-0288 or

----Original Message----

From: Boor, William H Civ USAF AFMC 505 ACSS/CL

To: Engle, Dwight E Civ USAF AFMC 505 ACSS/GFLA; Malmgren, Jim E Civ USAF AFMC 505 ACSS/GFLA; Mills, David W Civ USAF AFMC 75 CEG/CEVC; Downs, Wayne Civ USAF AFMC 75 CEG/CEVC

Cc: Roach, Christophe F Col USAF AFMC 558 ACSG/DD; Tremelling, Janet Civ USAF AFMC 558 ACSG/CL

Subject: RE: IMMEDIATE ACTION--eSSS UC-123K Disposal/Recycle (#4340)

#### All -

COLUMN THE DESIGNATION OF THE PARTY OF THE P Please see attached email traffic. Per OO-ALC/CC - "Pls advise if compliance with her suggestions will affect our ability to drive these acft into the disposal process." HAZMAT is the concern - It is my understanding that HAZMAT is addressed when any a/c are destroyed at AMARG. We need to that HAZMAT is addressed when any a/c are destroyed at AMARG. We need to check to see if any special HAZMAT procedures are required for the UC-123.

# Thanks, Buddy

----Original Message----

From: Tremelling, Janet Civ USAF AFMC 558 ACSG/CL

Sent: Friday, October 02, 2009 5:03 PM

To: Boor, William H Civ USAF AFMC 505 ACSS/CL

Cc: Engle, Dwight E Civ USAF AFMC 505 ACSS/GFLA; Malmgren, Jim E Civ USAF

AFMC 505 ACSS/GFLA; Roach, Christophe F Col USAF AFMC 558 ACSG/DD Subject: IMMEDIATE ACTION--eSSS UC-123K Disposal/Recycle (#4340)

Importance: High

Buddy:

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THE OCCUPANCE BY SERVICE WHEN DESIGNATE BY THE MEDICAL PROPERTY.

been free nothern but values the chart with once offices force in case toers

See Gen Busch's comments below--he requested we advise if compliance with Ms. Dryden's suggestion will affect our ability to drive these acft into the disposal process. Review comments from Ms Dryden and provide your response back to the group ASAP on Monday 5 Oct.

Janet

Gen Busch: I concur with the recommendation to destroy the acft and I agree with Ms

Dryden's recommendations wrt documentation of several steps. Pls advise if compliance with her suggestions will affect our ability to drive these acft into the disposal process.

### Ms Dryden concurs (30 Sep) with the following comments:

- 1) DEMIL Preparation: Request that disposal of any radiological, asbestos, or other HAZMAT removal be address within their plan with specific instruction for disposal actions to allow for release to HVF West. The C-123 demil workbook identifies a number of radioactive (radium) items on the C-123, C/Bs, indicators, etc. There's some asbestos sampling that came back positive for padding on clamps and engine exhaust tape. The era of this vintage aircraft is consistent with hazards in LRUs such as PCBs, tubes, etc. If AMARG is to leave any haz material on the UC-123 (Conflicting with DOD 4160) and only remove the fluids, this direction/authorization will have to be in writing. Direction to leave the delivery systems/chemical tanks undisturbed on the aircraft should be explicit. Additionally, identify any specific exposure hazards and ensure recommended mitigation steps for demil and disposal are included (tyvex suits, no ops in rain, minimal disturbance to fuselage, minimize exposed personnel, vent tanks, immediate smeltering, etc...).
- 2) DRMS and Contractor (GL and HVF West) Notification: Recommend specific notice be given to the DRMS and the contractor of specific exposure hazards and recommended mitigation steps.

Janet Tremelling, YC-03, DAF Director, 558th ACSG DSN 586-3352

----Original Message----

From: Jarry, Tony Maj USAF AFMC 508 ASW/CAG

Sent: Friday, October 02, 2009 4:50 PM

To: Tremelling, Janet Civ USAF AFMC 558 ACSG/CL; Roach, Christophe F Col USAF AFMC 558 ACSG/DD; Boor, William H Civ USAF AFMC 505 ACSS/CL; Stapp, Richard S Col USAF AFMC 508 ASW/CC & 84 CSW/CC; Turner, Jo D Civ USAF AFMC 508 ASW/DV & 84 CSW/DV

Cc: 508 ASW/CAG All Personnel

Subject: FW: eSSS UC-123K Disposal/Recycle (#4340)

\*\*\*FYSA and ACTION\*\*\*

Ms Tremelling-

Please address Gen Busch's concerns about the disposal of the UC-123K.

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V/r tj

----Original Message-From: 00-ALC Workflow

Sent: Friday, October 02, 2009 4:40 PM

To: 508 ASW Workflow; Jarry, Tony Maj USAF AFMC 508 ASW/CAG

Cc: 00-ALC Workflow; 309 MXW Workflow; Fletcher, Jennifer A Civ USAF AFMC

Subject: FW: eSSS UC-123K Disposal/Recycle (#4340)

508 ASW,

Please see Ms. Dryden's comments below and then address MG Busch's question SPECIAL PROPERTY AND ASSESSMENT OF THE PROPERTY OF THE PROPERT immediately below.

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Thanks!

RDG

In Acre and the propert date specialism at Shroath approx and ----Original Message----

talong, end 25 Apple by his Apple and the From: Busch, Andrew E Maj Gen USAF AFMC 00-ALC/CC

Sent: Friday, October 02, 2009 4:26 PM

To: 00-ALC Workflow

Cc: Aydoner, Aksel Civ USAF AFMC OO-ALC/CS; Primbs, Julie T Civ USAF AFMC OO-ALC/CCX; Jansson, Scott W Col USAF AFMC OO-ALC/CV; Johnson, Mark D Civ USAF AFMC OO-ALC/CA

Subject: RE: eSSS UC-123K Disposal/Recycle (#4340)

I concur with the recommendation to destroy the acft and I agree with Ms Dryden's recommendations wrt documentation of several steps. Pls advise if compliance with her suggestions will affect our ability to drive these acft into the disposal process. BERT BY FERRIN

----Original Message----

From: Johnson, Mark D Civ USAF AFMC 00-ALC/CA

Sent: Friday, October 02, 2009 2:12 PM

To: Busch, Andrew E Maj Gen USAF AFMC 00-ALC/CC

Cc: Aydoner, Aksel Civ USAF AFMC OO-ALC/CS; Primbs, Julie T Civ USAF AFMC OO-ALC/CCX; OO-ALC Workflow; Jansson, Scott W Col USAF AFMC OO-ALC/CV

Subject: FW: eSSS UC-123K Disposal/Recycle (#4340)

For your review/approval.

MJ

From: Gilchrest, Rob D LtCol USAF AFMC 00-ALC/CCX

Sent: Friday, October 02, 2009 2:00 PM

To: Johnson, Mark D Civ USAF AFMC 00-ALC/CA

Cc: OO-ALC Workflow; Aydoner, Aksel Civ USAF AFMC OO-ALC/CS; Primbs, Julie T

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direction/authorization will have to be in writing. Birection to loave the

suplicit. Additionally, identify may specific exposure hadring and ersore

Civ USAF AFMC OO-ALC/CCX

Subject: eSSS UC-123K Disposal/Recycle (#4340)

Sir,

The eSSS below addresses the disposal of UC-123K "Agent Orange" aircraft. Samples were taken on 4 of 18 aircraft and the results confirmed trace levels or low levels of contamination. Testing of the other 14 aircraft has been deemed unnecessary as the 4 aircraft that were tested was considered a good representative sample. Furthermore, aircraft have been deemed to pose no significant threat to workers or equipment responsible for recycling, shredding, and/or smelting the aircraft.

The 309 MXW coordinated with comment.Ms. Dryden's comments are below.

eSSS recommends immediate recycling and smelting of all 18 aircraft with no further testing.

V/r

Rob

----Original Message----

From: Fletcher, Jennifer A Civ USAF AFMC 309 MXW/CCA

Sent: Wednesday, September 30, 2009 5:45 PM

To: 00-ALC Workflow

Cc: 309 MXW Workflow; Fletcher, Jennifer A Civ USAF AFMC 309 MXW/CCA

Subject: FW: eSSS UC-123K Disposal/Recycle (#4340)

Ms Dryden concurs (30 Sep) with the following comments:

1) DEMIL Preparation: Request that disposal of any radiological, asbestos, or other HAZMAT removal be address within their plan with specific instruction for disposal actions to allow for release to HVF West. The

C-123 demil workbook identifies a number of radioactive (radium) items on the C-123, C/Bs, indicators, etc. There's some asbestos sampling that came back positive for padding on clamps and engine exhaust tape. The era of this vintage aircraft is consistent with hazards in LRUs such as PCBs, tubes, etc. If AMARG is to leave any haz material on the UC-123 (Conflicting with DOD 4160) and only remove the fluids, this direction/authorization will have to be in writing. Direction to leave the delivery systems/chemical tanks undisturbed on the aircraft should be explicit. Additionally, identify any specific exposure hazards and ensure recommended mitigation steps for demil and disposal are included (tyvex suits, no ops in rain, minimal disturbance to fuselage, minimize exposed personnel, vent tanks, immediate smeltering, etc...).

2) DRMS and Contractor (GL and HVF West) Notification: Recommend specific notice be given to the DRMS and the contractor of specific exposure hazards and recommended mitigation steps.

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Bert: Medicales, September : 2000

H. Dryder carcure (30 Sept with the following community

Please let me know if there is anything else.

jenna

----Original Message----

From: OO-ALC Workflow

Sent: Tuesday, September 22, 2009 9:57 AM

To: 309 MXW Workflow

Cc: Malmgren, Jim E Civ USAF AFMC 505 ACSS/GFLA

Subject: FW: eSSS UC-123K Disposal/Recycle (#4340)

Hello

Please see message from Gen Cooper below. Col Jansson sent the package to him and I was told that it was sent to AMARG for coord. Will you please co the ALC Workflow so we can keep track of this e-SSS?

Thank you

Kathy Blake

00-ALC/CCX

----Original Message----

From: Cooper, John B BrigGen USAF AFMC 309 MXW/CC

Sent: Sunday, September 20, 2009 10:20 AM

To: Jansson, Scott W Col USAF AFMC OO-ALC/CV

Cc: OO-ALC Workflow; OO-ALC/CS Workflow; Aydoner, Aksel Civ USAF AFMC OO-ALC/CS; Wright, Marlene F Civ USAF AFMC 309 MXW/CS; Schneider, Thomas A Col USAF AFMC 309 AMARG/CC; Dryden, Sue A CIV USAF AFMC 309 MXW/DV

Cct. Audenan Aksell CIV 80-R

Subject: RE: eSSS UC-123K Disposal/Recycle (#4340)

Scott,

The SSS is truncated, please send entire package.

Thanks,

Coop

John B. Cooper, Brigadier General, USAF
Commander, 309th Maintenance Wing
Hill AFB, Utah

Caution: This message may contain competitive, sensitive or other non-public information not intended for disclosure outside official government channels. Do not disseminate this message without the approval of the Office of the Commander, 309th Maintenance Wing.

----Original Message----

From: Jansson, Scott W Col USAF AFMC OO-ALC/CV

Sent: Friday, September 18, 2009 9:49 PM

To: Cooper, John B BrigGen USAF AFMC 309 MXW/CC

Cc: OO-ALC Workflow; OO-ALC/CS Workflow; Aydoner, Aksel Civ USAF AFMC OO-ALC/CS

Subject: Fw: eSSS UC-123K Disposal/Recycle (#4340)

From: Consert 2005年第 東京 Sir - per discussions this morning, recommend your coord on this.

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Scott

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COL USAF ARRESTMENT SERVICE - SERVICE COLOR ARE DESCRIPTION OF -----Original Message-----

From: OO-ALC/CS Workflow

To: Jansson Scott W Col 508 ASW/CC

Cc: 00-ALC Workflow

Cc: Aydoner Aksel Civ 00-ALC/CCX

Subject: FW: eSSS UC-123K Disposal/Recycle (#4340)

Sent: Sep 17, 2009 8:20 AM

Colonel, ready for your review/coord.

Julie

Jeniffer Child

Ogden Air Logistics Center

Commanders Action Group

Bldg 1102

DSN 586-3467

---------------

75 CEG/CEVC

COORD

Mills/YF-02/18 Aug 09

75 CEG/CEV

COORD

Elliott/YF-02/25 Aug 09

OO-ALC/JACE

COORD

-03/26 Aug 09

75 CEG/CLEA

REVIEW

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75 CEG/DD

COORD

NOT THE STREET SEE ACCOUNTS ON

75 CEG/CL

COORD

Briesmaster/YF-03/1 Sep 09

SUBJECT: A - 905 ACES-DORDONAL BORGELAR DE

- comment: 309 MXW or 508 ASW must fund the TDY cost for anyEnvironmental

personnel support

558 ACSG/CL

COORD

Tremelling, YC-03, 9 Sep 09

508 ASW/CC

COORD

Stapp, Col, 10 Sep 09 

75 ABW/CC

COORD

Higby, Col, 15

Sep09...concur with comment (from CEG): MXW or ASW must fund the TDY cost

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for any Environmental personnel support

309 MXW/DV

COORD See Ms. Dryden's comments above

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Sep 09 Relegion from Hill RES

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//M. Johnson, SES, 2 Oct 09//

00-ALC/CC

APPROVE

//aeb, Maj Gen, 2 Oct 09//

-----STAFF SUMMARY-----

AO: Mr. Jim Malmgren, 505 ACSS/GFLA, DSN 586-2896

SUSPENSE: N/A

SUBJECT: A - 505 ACSS-Disposal/Recycle of 18 UC-123K "Agent Orange"

Aircraft

- 1. PURPOSE: Provide latest data from UC-123K Phase I contamination sampling. Obtain approval for immediate disposal/recycle of all 18 UC-123K "Agent Orange" aircraft with no additional sampling of the remaining 14 UC-123Ks.
- 2. BACKGROUND: In February 2009, four of 18 UC-123K aircraft were sample at AMARG in Phase I. The results are consistent with 1996 initial sampling and confirm the presence of trace levels and low levels of contamination in the aircraft, but that they are safe for personnel involved in disposal/recycle of the aircraft. In July 2009, Dr. Wayne Downs and Mr. Jim Malmgren from Hill AFB visited the recycle facility in Tucson, AZ to analyze the recycling process.
- 3. DISCUSSION: Presently, this issue is not under scrutiny by the United States EPA or Arizona Department of Environmental Quality. Per the Position Paper at Tab 1, there are no significant hazards to workers and equipment used in recycle, shred, and smelting of 18 UC-123K aircraft. The four aircraft sampled in Phase I, are a sufficient statistical representation of

When with the exemple which

all 18 UC-123K aircraft stored at AMARG. Consequently, additional sampling of the remaining 14 aircraft is considered not necessary.

- 4. VIEWS OF OTHERS: On 27 July 2009, Dr. Alvin L. Young, Consultant on Agent Orange to the Office of Secretary of Defense, sent a Memorandum For Record at Tab 2 advocating immediate disposal of all 18 UC-123K aircraft without further sampling.
- 5. RECOMMENDATION: No further sampling of UC-123K aircraft. Approve immediate recycling and smelting of all 18 UC-123Ks.

//signed/whb/12 Aug 09//

Mr. William H. Boor, YC-02, USAF

Director, 505th Aircraft Sustainment Squadron

2 Tabs

- Position Paper
- 2. Memo for the Record from Dr. Young