

## R.O. MEETING MINUTES    NOVEMBER 19, 2009

1. Disx301, 302, 304: The prototype for paint was passed on 5-09-05. Management decided to go a different route. We can accomplish the life extension repair on Disx302. The shops have the capacity to do these repairs. Included are: MDR, FRS 5518, 3462, 3253, 3410, SB AF923, FRS 6626, TI RB0528, SB 72-D365 (RO'D for this SB), TI RB0529, TI RB0562, SB 72-D181, FRS 1563, FRS 1564, FRS 1565, 6673, 6674, 6675, AD 2004-19-04, AD 2003-17-15 (is not included, my printer would not let me copy.), SB 72-9495, arbitration and RO minutes are available if you would like to see them.

\*\*July 31 Harvey West check to see if SB D365 is source controlled- it is not source controlled, nor does it require a source demonstration. SB AF923 and D181 also not source controlled or source demonstration. Cedric Wilson wants to re-prototype paint.

\*\*August 21 Cedric Wilson will get authority to prototype.

\*\*Oct 1 301, 302, and 304 are being prototyped.

\*\*Oct 8 Cedric Wilson will generate shop orders for the discs.

\*\*Oct 15 Reference OPM 10.14 same as above.

\*\*Nov 4 Awaiting 073 form so blades can used as fixtures.

\*\*Nov 12 Awaiting 073 form so blades can used as tooling. Mike Pennington will do shop order.

\*\*Nov 19 Have 073 form, Crew Chief will get blades.

\*\*Dec 3 Crew Chief in Rolls Royce Paint Shop has blades, waiting for Shop Order from Mike Pennington.

\*\*Dec 10 Mike Pennington is working the Shop Orders.

\*\*Dec 17 Mike Pennington continued on Shop Orders. RO committee discussed only doing new tasks on repair per the OP 10.14 1.1.

\*\*Jan 7 Awaiting Shop Orders, possibly by Jan 9.

\*\*Jan 21 Awaiting Shop Orders.

\*\*Jan 28 No change.

\*\*Feb 4 Cedric Wilson to have Mike Pennington make shop orders.

\*\*Feb 18 Cedric Wilson to have shop orders made.

\*\*Feb 25 Shop Orders in process of being made.

\*\*Mar 4 DISX 301 shop order complete, 302, 304 in progress.

\*\*Mar 11 DISX 301, 302, 304 are in the clean shop.

\*\*Mar 18 DISX 301, 302, 304 in proto-type.

\*\*Mar 25 DISX 301, 302, and 304 are still in proto-type and are going back to clean shop to remove de-watering oil.

\*\*Apr 1 DISX 301,302, and 304 are back from clean shop and ready for proto-type.

\*\*Apr 8 DISX 301, 302, 304 in proto-type.

\*\*Apr 15 Proto-type is complete. QA has paperwork to check procedures on blades.

\*\*Apr 23 Proto-type is complete. Mike Pennington and Chris Lilly to get together and work out details for shop orders.

\*\*May 7 Wendy Meska to check on pending contracts that may prohibit this from coming back in-house. Cedric Wilson to prepare form for signatures for approval of proto-type. TWU sent e-mail to Mike Pennington and Chris Lilly to work our details of shop orders. All in attendance copied.

\*\*May 14 Cedric Wilson preparing proto-type approval for all committee members to sign. Cedric to send an e-mail to Mike Pennington and Chris Lilly to work out details of shop orders.

\*\*May 22 No word from purchasing about pending contracts. Cedric Wilson to e-mail Wendy Meska about possible pending contracts. Cedric to e-mail Mike Pennington and Chris Lilly to work out shop order details.

\*\*May 28 Wendy Meska to get contract information and return on June 18.

\*\*Jun 18 No pending contracts. TWU sent MDR to Mike Pennington and committee was copied.

\*\*Jun 25 Mike Pennington out on VC this week, will start on MDR Monday.

\*\*Jul 2 Cedric Wilson supplied TAESL / TWU In-Source Request Form. Randy Thomas wanted wants Material Management included.

\*\*Jul 9 Awaiting TAESL / TWU In-Source Request Form.

\*\*Jul 16 No change.

\*\*Jul 23 Paperwork signed by TWU give to John Jovanovich.

\*\*Aug 6 TWU is rewriting the TAESL / TWU In-Source Request Form.

\*\*Aug 20 TWU presented TAESL / TWU In-Source Request Form to Cedric Wilson.

\*\*Aug 27 Cedric Wilson will try to have TAESL/TWU In-Source Request Form completed by the next RO meeting.

\*\*Sept 03 John Jovanovich suggested a format change to the TAESL/TWU In-Source Request Form. TWU suggested if we are going to make a format change delete all approval signatures that are not participants of the RO committee. If management wants to include those managers then do so by notification and not by having them as part of the approval process.

\*\*Sept 17 Scheduled a meeting for Monday, September 21, 2009 at 1300 ( 1:00pm ) to discuss TAESL/TWU IN-SOURCE REQUEST FORM.

\*\*Sept 24 All in attendance agree on form. Will start submitting for all to sign.

\*\*Oct 1 TWU submitted TAESL/TWU IN-SOURCE REQUEST FORM to management for signatures.

\*\* Oct 15 Management signatures in process

\*\* OCT 22 No change

\*\* Nov 5 No change

\*\*Nov 19 TAESL/TWU IN-SOURCE REQUEST FORM is moving . It has left the desk of Jonas Perez and is now in Finance, Wendy Meska. She will forward it to the next appropriate person.

2. Shrx371, 372: Rubber volume fillers, we do a quick fix repair, TI RB0894. We do not accomplish FRS 5091, subtask 72-32-42-350-035. Let us do a prototype. TWU considers this "LIKE" work. If you do not, let's discuss and involve BDG.

\*\*July 31 Cedric Wilson will probably prototype, let re-visit in 30 days.

\*\*August 21 Cedric Wilson stated we will go through TI's and FRS at next RO meeting.

\*\*Oct 1 Cedric Wilson was unable to attend this meeting so this has no change.

\*\*Oct 8 John Jovanovich will bring shroud up at next meeting to discuss with BDG. Harvey West still considers this LIKE work.

\*\*Oct 15 John Jovanovich does not consider LIKE work. He wants BDG process to go forward. RO Committee still considers this LIKE work. Will stay on agenda but will discuss more as other prototypes are accomplished.

\*\*Nov 4 No change but will revisit soon. Cedric Wilson wants BDG process.

\*\*Nov 12 No change.

\*\*Nov 19 Committee members agree to prototype. Harvey West and Keith Powell will get with Mansfield Vincent to get parts.

\*\*Dec 3 RO Committee has Rubber Volume Fillers. Next step will be 073 forms for removal of shrouds in reclamation and Shop Orders with Mike Pennington.

\*\*Dec 10 073 form has not been submitted.

\*\*Dec 17 073 form is complete. SHRX372 were routed to the Blast Shop where they'll wait for Mike Pennington to prepare Shop Order.

\*\*Jan 7 Awaiting Shop Orders, possibly Jan 9.

\*\*Jan 21 Awaiting Shop Orders.

\*\*Jan 28 Awaiting shop orders.

\*\*Feb 4 Keith Powell and Harvey West to get information to Mike Pennington so he can make shop orders.

\*\*Feb 18 TWU will bring paperwork to next meeting so Cedric can have shop orders made.

\*\*Feb 25 C/C has Shop Order and prototype is in process.

\*\*Mar 4 Awaiting adhesive to proceed with prototype.

\*\*Mar 11 Crew Chief to start proto-type Monday 3-16-09.

\*\*Mar 18 SHRX371, 372 in proto-type.

\*\*Mar 25 SHRX371 and 372 still in proto-type.

\*\*Apr 1 SHRX 371 and 372 still in proto-type.

\*\*Apr 8 No change.

\*\*Apr 15 Rubber removed, on way to clean shop.

\*\*Apr 23 Proto-type is in the blast shop and CC Chris Lilly is aware of it.

\*\*May 7 John Jovanovich tasked to find out why proto-types can't be accomplished if there are other parts in the shop.

\*\*May 14 Cedric Wilson asked John Jovanovich if supervisors were keeping proto-type process from being worked unless no parts are in shop and John said NO, he had not instructed any supervisors to do so.

\*\*May 22 Still in proto-type.

- \*\*May 28 Still in proto-type.
  - \*\*Jun 4 Still in proto-type.
  - \*\*Jun 18 Proto-type completed. TWU sent thank you email out, committee was copied.
  - \*\*Jun 25 Mike Pennington out on VC this week, will start on MDR Monday.
  - \*\*Jul 2 Awaiting signatures on TAESL / TWU In-Source Request Form.
  - \*\*Jul 9 Awaiting TAESL / TWU In-Source Request Form.
  - \*\*Jul 16 No change.
  - \*\*Jul 23 Paperwork signed by TWU give to John Jovanovich.
  - \*\*Aug 6 TWU is rewriting the TAESL / TWU In-Source Request Form.
  - \*\*Aug 20 TWU presented TAESL / TWU In-Source Request Form to Cedric Wilson.
  - \*\*Aug 27 Cedric Wilson will try to have the TAESL/TWU In-Source Request Form completed by the next RO meeting.
  - \*\*Sept 03 Refer to item 1
  - \*\* Sept 17 Refer to item 1
  - \*\*Sept 24 Refer to item 1
  - \*\* Oct 1 TWU submitted TAESL/TWU IN-SOURCE REQUEST FORM to management for signatures.
  - \*\* Oct 15 Management signatures in process
  - \*\* Oct 22 No change
  - \*\* Nov 5 No change
  - \*\* Nov 19 Refer to item #1
- 3. Discuss remedies for RO**
- \*\*July 31 Harvey West stated, We've had discussions since May 08, 2008 about the remedies for RO, it's the Unions opinion that the RO line on the shop order should be eliminated or a higher authority than mechanic to authorize a RO.
  - \*\*August 21 Still in discussion.

\*\*Oct1 Still in discussion. John Jovanovich suggested crew chiefs be designated for RO authorization. Randy Thomas stated that this item is much bigger than us, and is a procedure change. It is hard to get OPM change. He suggests possible training for AMT's. Randy Thomas will send copy of OPM to Harvey West. Harvey West stated that management should have authority for RO, not AMT's.

\*\*Oct 8 Randy Thomas will get back with us.

\*\*Oct 15 Mary Margaret Burnham submitted OPM 2.7.

\*\*NOV 4 No change, need more forum for discussion.

\*\*NOV 12 Cedric Wilson will get with management team and present time and date for discussion for RO remedies. Cris Schissler and Doug Housley will be present along with Harvey West and Keith Powell.

\*\*NOV 19 No change.

\*\*DEC 3 No Change.

\*\*DEC 10 No change.

\*\*Dec 17 No change.

\*\*Jan 7 No change.

\*\*Jan 21 No change.

\*\*Jan 28 Meeting set for Wednesday, Feb 4 at 0900.

\*\*Feb 4 TWU RO Committee is going to make proposal for RO remedies and submit to RO Committee for consideration.

\*\*Feb 18 No change.

\*\*Feb 25 TWU proposal coming next week.

\*\*Mar 4 TWU proposal submitted to committee.

\*\*Mar 11 TWU waiting on response.

\*\*Mar 18 No change.

\*\*Mar 25 No change.

\*\*Apr 1 No change.

\*\*Apr 8 No change.

\*\*Apr 15 No change.

- \*\*Apr 23 No change.
- \*\*May 7 No change.
- \*\*May 14 Cedric Wilson asked for copy of TWU proposals for RO remedies. TWU sent them to him.
- \*\*May 22 Discussed RO Remedies for RO with Cedric Wilson for him to review.
- \*\*May 28 Cedric Wilson is reviewing the Remedies for RO proposal.
- \*\*Jun 4 Cedric Wilson still reviewing RO Proposal.
- \*\*Jun 18 No change.
- \*\*Jun 25 No change.
- \*\*Jul 2 Cedric Wilson to meet on Friday, Jul 3 with RO Committee on this.
- \*\*Jul 9 TWU still reviewing changes to OPM.
- \*\*Jul 16 TWU still considering changes to OPM and MDR / Shop Orders.
- \*\*Jul 23 TWU will discuss changes to OPM and MDR on Friday, Jul 24.
- \*\*Aug 6 TWU's RO remedies proposal is complete and will be submitted on Aug 13.
- \*\*Aug 20 TWU presented new RO Remedies to Cedric Wilson, Jonas Perez and John Jovanovich. TWU will send out new RO Remedies to all RO committee members with the word conversation changed to discussion. Cedric Wilson to review changes.
- \*\*Aug 27 Cedric Wilson reviewing changes.
- \*\*Sept 03 No change
- \*\* Sept 17 No change
- \*\*Sept 24 No change
- \*\* Oct 1 No change
- \*\* Oct 15 No change
- \*\* Oct 22 NO change
- \*\* Nov 5 No change
- \*\* Nov 19 Cedric Wilson is reviewing, he is attaching notes to the remedies.

**4. SHAX776:**

1. When is engineering going to work with machine shop on source demonstration?

\*\*Oct 8 Cedric Wilson and Randy Thomas both stated that Darby has to be present for the source demonstration. Harvey West requests Darby's presence.

\*\*Oct 15 Darby has to be present and as of now machine shop equipment is down.

\*\*NOV 4 Machine shop equipment is now working. No more discussion on this item today.

\*\*NOV 12 No discussion.

\*\*NOV 19 Once kit arrives, contact Jonas Perez and he'll make arrangements.

\*\*DEC 3 No change.

\*\*DEC 10 No change.

\*\*Dec 17 Jonas Perez will initiate dialogue with Rolls Royce about source demonstration. TWU RO committee will get S/B for Jonas showing source demonstration.

\*\*Jan 7 RO Committee agreed to keep this item on the table due to source demonstration may be more difficult to approve than thought.

\*\*Jan 21 Jonas Perez to invite David Sidaway to next meeting.

\*\*Jan 28 No change. David Sidaway to be invited to next meeting.

\*\*Feb 4 No change. All of Committee agreed for Rolls Royce to get us Source Demonstration.

\*\*Feb 18 Cedric Wilson requested TWU to email David Sidaway about Source Demonstration. Need answer ASAP... email sent 2/19/09, all committee members copied.

\*\*Feb 25 Cedric Wilson to contact David Sidaway so he can be present at next RO meeting to follow up on Source Demonstration.

\*\*Mar 4 Rolls Royce willing to pay up to \$5500 for Source Demonstration. TWU will find out estimated hours for machine shop and NDT.

\*\*Mar 11 S/B 72-C768 states a total of 6 hours to complete. TWU emailed David Sidaway to accomplish Source Demonstration on 3-11-09. All RO Committee members copied in.

\*\*Mar 18 Awaiting response from Rolls Royce.

\*\*Mar 25 TWU to submit 073 form to R/R for 3 shafts so AJ Reilly can practice Source Demonstration.

S/B 72-F867 will be used for this repair, it's the same repair different part number.

\*\*Apr 1 TWU to submit 073 form for 3 shafts.

\*\*Apr 8 Randy Thomas stated that Will Folgers presented questions to Greg Young concerning cost of proto-type. TWU stated that this is just another road block and the costs were well below what Rolls Royce said they would pay. Randy Thomas stated that Rolls Royce refused to pay, so now TAESL will have to pay.

\*\*Apr 15 Randy Thomas will approve dollars for proto-type.

\*\*Apr 23 TWU will send email to reclamation to forward shafts to the machine shop.

\*\*May 7 TWU sent Judge Christian an e-mail to forward shafts to machine shop, copied e-mail to all in attendance.

\*\*May 14 Cedric Wilson to get with David Sidaway to find out how many shafts are left.

\*\*May 22 David Sidaway hasn't responded to Cedric Wilson's request. This item will be raised to Rod Blake's level from Cedric Wilson.

\*\*May 22 RO Committee informed that there are 82 of these shafts left. Cedric will coordinate with Greg Young and Will Folger on Source Demonstration.

\*\*Jun 4 Cedric Wilson talked to Greg Young, Greg is going to try to get Rolls Royce here for source demonstration. Kenny Powell asked Cedric how long would it take to get R/R here, and Cedric said he would follow up. Kenny Powell and Doug Housley will follow up with Greg Young also.

\*\*Jun 18 Greg Young to follow up in UK for Source Approval next week. Mark Martin to research wetting tank. TWU send email to Lenard Thomas concerning EDDY current and SB, all in attendance copied.

\*\*Jun 25 Lenard Thomas stated there would be no problem doing the EDDY current portion of SB. Doug Housley will follow up with Greg Young about Source Approval upon his return from UK.

\*\*Jul 2 Greg Young will talk to Board of Directors of TAESL. Possible 8 of 9 month process for spin test of proto-type.

\*\*Jul 9 Kenny Powell and Doug Housley to meet with Greg Young before next meeting.

\*\*Jul 16 This item is on hold until Aug 6 or Aug 13.

\*\*Jul 23 Has been taken through Gate 0 process and has been accepted to be worked. The engineer assigned to the task is Mohammed Akram. Gate 1 process will be August 6.

\*\*Aug 6 Kenny Powell and Doug Housley will continue to task this item with Greg Young.

\*\*Aug 20 Cedric Wilson and John Jovanovich reported back to RO committee that TAESL is going ahead with prototype. They instructed us we have to have everything ready for Rolls Royce per the S/B in order to meet the requirements of the source demonstration from clean shop to the last line of the shop

order. Jonas Perez requested TWU make sure that the machine shop has parts needed for source demonstration. TWU will email Jonas of findings. TWU will ensure all shops are prepared for source demonstration. Cedric Wilson said he would lend support when needed.

\*\*Aug 27 TWU still in process of talking to everyone.

\*\* Sept 03 TWU discussed with machine shop. Shafts are still in machine shop. Still in process with other shops.

\*\* Sept 17 Discussed S/B 72-C768. Jonas Perez to research Omat 2/7

\*\* Sept 24 TWU emailed machine shop concerning S/B 72-C768. Jonas Perez researching OMAT 2/7.

\*\* Oct 1 TWU emailed all necessary work areas on S/B. All RO committee copied in. Supervisor Jerry Chick emailed RO committee concerning S/B. The B1 2BN/1 Rohmann Adaptor and the leads EK-2-HF/1 and EK-2-HF/2, The S/B does not specify which lead to use, plus, neither of these leads will connect to the adaptor as called out in the S/B. John Jovanovich tasked engineer Edwin Gaiten to check with Rolls Royce on what NDT leads they use to comply with the S/B.

\*\* Oct 15 Jonas Perez presented a package called " Request for Quotation" Page 5 needs completed. TWU has been tasked with " TO BE INPUT BY REPAIR SERVICES" on page 5 Labor times to be placed in blocks. TWU to email Ed Bright concerning his part of S/B which is the clean process and Jonas Perez over leads in S/B.

\*\* Oct 22 Emailed Ed Bright, copied all RO committee in, Emailed Jonas Perez , copied all RO committee in. TWU working on RFQ labor hours.

\*\* Nov 5 TWU completed RFQ request, returned to Jonas Perez Monday, November 2, 2009.

\*\* Nov 19 John Jovanovich will coordinate with Edwin Gaiten to check with Rolls Royce on what NDT leads they use to comply with the S/B. TWU sent emails to Jonas Perez concerning omat 2/7 and an email about a turntable for FPI. All of RO committee were copied in on email.

2. RO notification expires on 09-06-08. This is Saturday. How close are we to bringing this in house?

\*\*Oct 8 Management is not sure how close we are to bringing this back in house, or if we'll be able to bring back entirely in house. Management requested additional RO notification for this. Doug Housley and Harvey West ask how long would the notification extension be for, 4 weeks? 6 weeks? Management was not sure

\*\*Oct 15 No discussion on RO Notification.

\*\*NOV 4 Awaiting on RO notification.

\*\*NOV 12 Received RO notification on 11 Nov, 2008 for 90 day temporary RO. Further discussion when tooling arrives.

\*\*NOV 19 No change

\*\*DEC 3 No change.

\*\*DEC 10 No change.

\*\*Dec 17 No change.

\*\*Jan 7 No change.

\*\*Jan 21 TWU informed this committee that the temporary RO expires on Feb 11.

\*\*Jan 28 No change.

\*\*Feb 4 No change.

\*\*Feb 18 RO Notification has expired.

\*\*Feb 25 RO notification received on Feb. 23.

\*\*Mar 4 Closed until notification expires May 25.

\*\*May 22 TWU is against extending the RO notification again since there's so little movement on this item.

\*\*May 28 Cedric Wilson will be sending another extension of RO Notification.

\*\*Jun 4 TWU awaiting RO Notification.

\*\*Jun 18 Received RO notification on June 10.

\*\*Aug 20 Cedric Wilson will send out new RO Notification Form.

\*\* Aug 27 No change

\*\* Sept 03 Informed John Jovanovich we are waiting for up dated RO notification

\*\* Sept 17 No change

\*\*Sept 24 No change

\*\* Oct 1 RO Notification provided. Notification is for an additional 90 days.

\*\* Oct 15 RO Notification expires 12-30-09

5. FIL1011 & FIL1012 – Included are : S/B RB. 211-72-B106, TSD 594J 70-00-00-300-330 Chromate Conversion Coatings, S/B RB. 211-72-F194, FRS 5135 (FIL1011 and FIL1012 are RO'D for the previous listed repairs.), These next repairs could also be accomplished in house, S/B RB. 211-72-C901, S/B RB.

211-72-C545, 72-31-11-200-01 Compressor Blade Annulus Fillers Inspection/Check, FRS 1521, FRS 1520, TI RB 0893 and TI RB 0787. This is all work that can be accomplished in house. There is no reason to RO these 2 parts. We accomplish like work with the Trent version Fil1013. Fil1013 is accomplished entirely in house the same can be accomplished with the RB version. Here are the Trent repairs , which are not included in this package. 72-31-11-01-350 Inspection / Check, S/B E404, FRS 3253, FRSA056 –replace the seal and replace the seal rubber tip, FRSA043 – Missing anti- erosion coating, FRSA046 – dry film, FRS 3253 and FRSA046 – galled, nicked, and dry film, FRSA056 – chocking pad.

\*\*Oct 8 Will bring MDR's and shop order to RO meeting on Oct 15.

\*\*Oct 15 RO Committee submitted MDR's and shop orders. Will continue discussion when other prototypes are further along.

\*\*NOV 4 No change.

\*\*NOV 12 No change.

\*\*NOV 19 If TWU can demonstrate FRS's are the same no need to prototype, if not we'll prototype.

\*\*DEC 3 No change.

\*\*DEC 10 Awaiting blue prints, Jonas Perez requested copy of e-mail sent to Karla Dingman. A copy was forwarded the Jonas Perez.

\*\*Dec 17 Received blue prints. Prototyping requires 4 fillers to be accomplished. Danny Gonzales will start tooling process over base shutdown.

\*\*Jan 7 Tooling will begin this week. C/C Phil Butler will create Shop Order to begin work on that tooling.

\*\*Jan 21 Awaiting tooling.

\*\*Jan 28 Awaiting tooling.

\*\*Feb 4 No change.

\*\*Feb 18 Tooling forms to be submitted to Mansfield Vincent, or Kim Koerperich.

\*\*Feb 25 Process underway with Tool and Die to making tooling.

\*\*Mar 4 No change.

\*\*Mar 11 One mold in Paint and Fiberglass for lay up, other still in Tool and Die.

\*\*Mar 18 Awaiting mold in paint and fiberglass. Need to order redux primer.

\*\*Mar 25 FIL1011 and 1012 still in proto-type in paint and fiberglass shop.

\*\*Apr 1 FIL1011 and 1012 still in paint and fiberglass shop having molds made for proto-type.

\*\*Apr 8 No change.

\*\*Apr 15 No change, awaiting tooling.

\*\*Apr 23 Paint and fiberglass to send mold back to tool and die.

\*\*May 7 Molds are back in tool and die. They would like Sam Anderson 's to help with tooling.

\*\*May 14 Sam Anderson will try to coordinate with tool and die on design for tooling.

\*\*May 22 Awaiting response from Sam Anderson, TWU e-mailed Sam, all in attendance copied.

\*\*May 28 Still awaiting response from Sam Anderson.

\*\*Jun 4 TWU emailed Sam Anderson all on committee copied concerning tooling. Jonas Perez stated starting July 1 Sam Anderson will part of TAESL.

\*\*Jun 25 This item is on hold until TWU can contact Sam Anderson when he starts with TAESL in July concerning tooling fixtures with tool and die.

\*\*Jul 2 TWU contacted Sam Anderson about his help on tooling. John Krueger stated Fil1012 will be replaced by FIL1018. S/B 72-C901 and 72-C545 are going away.

\*\*Jul 9 TWU met with Sam Anderson to discuss tooling for Fil1011 and Fil1012 and will continue dialogue with Sam to move project along.

\*\*Jul 16 No change.

\*\*Jul 23 Copied Cedric Wilson and John Jovanovich on follow up email to Sam Anderson.

\*\*Aug 6 This item is on hold until Sam Anderson completes paint booth installation.

\*\*Aug 20 TWU talked with Phil Butler, crew chief of Tool and Die. He will assign Charles to work on tooling.

\*\*Aug 27 TWU will report back September 10<sup>th</sup>, we'll decide then if we are going to remove this item because of cost effectiveness.

\*\* Sept 03 TWU talked to AMT Jim Jansen to see what special tooling they are using for the seals on the trent fillers. There is no special tooling. He will apply new seals to a scrapped filler. If this is successful we will route the other 2 for prototype. If it is not we will remove from the agenda.

\*\* Sept 17 TWU will have Mansfield Vincent order the seals, choking pads, and redux.

\*\* Sept 24 No change

\*\* Oct 1 TWU emailed Supervisor's Mansfield Vincent, Kim Koerperich and crew chief Chris Lilly requesting supplies needed for prototype. All RO committee copied in.

\*\* Oct 15 TWU to check on supplies for fillers

\*\* Oct 22 No change

\*\* Nov 5 Todd Stewart will email Cedric Wilson with parts so that Cedric can breakdown needed parts and order.

\*\* Nov 19 Todd Stewart presented RO committee with update on materials for prototype. He will forward CPN's, quantity needed and costs ( if he can find ) to Cedric Wilson so that he can review and attach a rack number so that stores can order materials.

6. TUBX853- As of now, this part is not RO'd. The TWU would like to add to the MDR these repairs to be accomplished when deemed necessary. We have the tooling necessary to accomplish these repairs. We consider this LIKE work since we already accomplish TUBX706 (RB oil feed tube). Included in this agenda are the repairs: MDR, 72-52-33-200-803 which is inspection check 03, FRSE 101 metal spray repair, FRSE 188 FPI, weld, metal spray and machine repair, S/B RB211-72-C399, FRSH 465 Paint Repair, FRSH 495 Paint Repair.

\*\*Dec 17 Jonas Perez will have engineering look into this.

\*\*Jan 7 No change.

\*\*Jan 21 No change.

\*\*Jan 28 No change.

\*\*Feb 4 No change.

\*\*Feb 18 No change.

\*\*Feb 25 No change. On hold until part is RO'd.

\*\*May 14 TWU requested that repairs be placed on MDR now so it don't get RO'd in the future.

\*\*May 22 TWU to check MDR for RO line. TWU found no RO line on MDR as well as none of the repairs.

\*\*May 28 Cedric Wilson to task this item.

\*\*Jun 4 John Jovanovich and Cedric Wilson will check on Trent Sourcing.

\*\*Jun 18 John Jovanovich to task this item.

\*\*Jun 25 TWU to walk through this repair step by step to assure that we can accomplish this repair, and then have it added to the MDR.

\*\*Jul 2 TWU will try to find scrap Tube for proto-type. Cedric Wilson and John Jovanovich will look into FRSE101 repair.

\*\*Jul 9 No scrap tubes available for proto-type. Cedric Wilson and Jonas Perez to review repairs on TUBX853. TWU stated repairs are like work.

\*\*Jul 16 TAESL RO Committee wants this item removed from agenda since it's not RO'd. TWU will discuss and will report to next RO meeting.

\*\*Jul 23 Re-visit 9-03-09 for engineering and tooling.

\*\*Aug 6 TWU to ask Terrence Kennedy to look into and start tooling per FRS.

\*\*Aug 20 Have Terence Kennedy follow up tooling with tooling request form from O.P.

\*\*Aug 27 Terence Kennedy will get back with the RO committee after he has researched more.

\*\* Sept 03 No change

\*\* Sept 17 TWU held conversations with Terence Kennedy concerning tooling for TUBX853. He said we needed to talk to Eric English in Rolls Royce concerning scraped tube in reclamation. Eric needs authority from Randy Thomas. TWU will discuss with Randy Thomas.

\*\* Sept 24 Jim Holmes authorized for scrap tube to be removed from reclamation. TWU to submit 073 form and will have part routed to shop 3593 ATTN: Terence Kennedy.

\*\* Oct 1 073 form completed, TUBX854 was substituted for TUBX853. These tubes are the same length and the tooling can be crafted from TUBX854. Tube is routed to shop 3593, attention Terence Kennedy.

\*\* Oct 15 Tooling still in process

\*\* Oct 22 Emailed Terence Kennedy, all RO committee copied in. Terence emailed Harvey West concerning tooling. Still in progress.

\*\* Nov 5 No change

\*\* Nov 19 Tooling fabrication is completed. TWU will coordinate with Allen Reilly, tech crew chief, machine shop if they are able to comply FRSE 188 for tooling . TWU will email Jonas Perez concerning assigning part number to fabricated tooling.

7. Tubx 706: RO'D for a weld repair. Included are MDR, TI RB0443, 0707, FRS 7017. FRS 3253 is provided with Disx 301 package.

\*\*July 31 John Jovanovich will check on repairs provided.

\*\*August 21 Cedric Wilson will verify why tubes are being sent out.

- \*\*Oct 1 No is no change here due to Cedric Wilson was not able to attend this meeting.
- \*\*Oct 8 Cedric Wilson will verify why tubes are sent out.
- \*\*Oct 15 No change.
- \*\*Nov 4 No change.
- \*\*Nov 12 RO'd for DER repair since 1999. It is a major repair from the FAA. TWU asked what is done per that DER. Management could not confirm what that repair was. Cedric Wilson is going to research this. The verification of tubes returning form vendor scraped or repaired as needed. Verify repairs from 8130 form being accomplished.
- \*\*Nov 19 No feedback yet.
- \*\*Dec 3 No change.
- \*\*Dec 10 Check for approved data for DER through the FAA.
- \*\*Dec 17 Jonas Perez contacted AA about DER repair and hasn't received a response yet.
- \*\*Jan 7 Jonas Perez said AA would not discuss DER repair. TWU suggests making it a TI to bypass DER repair. Jonas Perez agreed to look into it.
- \*\*Jan 21 TWU suggested using TI to get around DER. Cedric Wilson suggested contacting Devin Thompson about TI for Rolls Royce and AA and to go through BDG for cost analysis.
- \*\*Jan 28 Meeting scheduled on Thursday, Jan 29, 2009 in Title I RO office at 1300.
- \*\*Feb 4 TWU RO Committee to follow up on items after meeting with Devin Thompson and Jacob Justice.
- \*\*Feb 18 TWU will contact Wendy Meska on purchasing of nozzle ends.
- \*\*FEB 25 Meeting with Wendy Meska on Tuesday, Mar 3 at 1100.
- \*\*Mar 4 Wendy Meska is working on TWU's request purchasing of nozzle ends.
- \*\*Mar 11 TWU to do further research on nozzle ends.
- \*\*Mar 18 No change.
- \*\*Mar 25 No change.
- \*\*Apr 1 No change.

TUBX706

Tubes are sent to International Aerospace Tubes LLC., Pratt & Whitney Services, Inc., 4760 Kentucky Avenue, Indianapolis, IN 46221, USA.

Subject tubes are sent to above vendor for a TPC DER repair procedure TPCRP #773, dated November 6, 1998 for damage to the tube rear end fittings.

AA Mechanic RO's to vendor when ends are damaged, below limits, or if tubes itself is damaged or scrapped.

Problem is, if we scrap the tube here, why do we need to pay vendor to confirm it is scrapped. Not only does vendor receive money from TAESL to declare a scrapped part is scrapped. That vendor is then taking fitting ends and then charging us for the end fittings that they took from us for declaring a scrapped part as scrapped. We can use those ends from the scrapped tube and initiate a TI and repair another tube that is below end fitting tolerance, thus bypassing DER repair.

Per 8130's vendor is repairing tubes per our engine manual, which are the repairs that we do in house. The vendor is not reflecting TPCRP #773, dated November 6, 1998 on the 8130's.

\*\*Apr 8 Randy will task with QA to find out if DER repair TPCRP #773 is being accomplished by vendor.

\*\*Apr 15 No change.

\*\*Apr 23 Randy Thomas turned over to Paul Juedes of Rolls Royce to investigate.

\*\*May 7 TWU e-mailed Paul Juedes about status of tube. All in attendance was copied in.

\*\*May 14 Cedric Wilson will coordinate with Paul Juedes about status of tube.

\*\*May 22 Cedric Wilson coordination with Paul Juedes is ongoing.

\*\*May 28 Cedric Wilson still coordinating with Paul Juedes. Will re-address and get with Randy Thomas for the 8130's.

\*\*Jun 4 Per Paul Juedes, these haven't been RO'd in years. TWU disagrees with this and will recover 8130's.

\*\*Jun 18 No change.

\*\*Jun 25 Awaiting Cedric Wilson's research on the 8130's that were left for him by TWU 2 weeks ago.

\*\*Jul 2 Cedric Wilson will verify 8130's origination, revise MDR to reflect DER nozzle ends, and find vendor for nozzle ends.

\*\*Jul 9 Gave 8130's to Cedric Wilson and he's reviewing them. Cedric will have supply pull all RO's.

\*\*Jul 16 Cedric Wilson researched all 8130's given to him and stated that none of the tubes sent to vendor were scrapped. TWU to task why tubes are being sent to vendor if the DER repair is not accomplished there.

\*\*Jul 23 DER repairs not showing up on 8130's. TWU will present 8130's to Jonas Perez and John Jovanovich.

\*\*Aug 20 Cedric Wilson and John Jovanovich will go to QVP to exactly what TUBX706 is RO'D for.

\*\*Aug 6 This item is not being RO'd for DER repair. RO Committee is researching to see if this can be done in-house.

\*\*Aug 27 No Change

\*\* Sept 03 TWU discussed with AMTS that accomplish inspection of Tubx706. When part must be sent out for RO AMT's will put reason for RO has RO for nozzle ends or end fitting repair. Engineering will not allow AMT's to scrap tubes. Engineering is directing AMT's if there is an RO line on the shop order they must RO the Part. TWU suggested adding to the MDR, RO for end fittings only per TPC DER repair procedure TPCR #773, dated November 6, 1998. John Jovanovich will research further. Vendor is not documenting DER repair on 8130's. They are only documenting repairs that we accomplish in house.

\*\* Sept 17 TWU will talk to crew chief and crew in shop, will suggest that that they scrap part, generate NCR and will follow up with Cedric. Suggested removing current RO line and replacing with RO for DER repair. Sent email to Mike Pennington addressing this all RO Committee copied in.

\*\* Sept 24 TWU submitted scrap tag with engineering note for committee's review. Action #1. Jonas Perez to add DER repair to RO line on MDR. Action #2. TWU to follow up with John Lemons on 8130's and repairs.

\*\* Oct 1 Action item #1 no change. TWU will send email to Jonas Perez asking for update. Action item #2, TWU submitted 8130's and repairs to John Demons for him to review .

\*\* Oct 15 1) TWU to do follow up email to John Demons concerning DER Repair. 2) Follow up with Jonas Perez concerning MDR change.

\*\* Oct 22 Emailed John Demons , all RO committee copied in. Emailed Jonas Perez, all RO committee copied in. Jonas Perez to follow up with Mike Pennington.

\*\* Nov 5 Kenny Powell emailed Leo Dominguez concerning TUBX706. He will send follow-up email to Leo when he returns from Derby.

\*\* Nov 19 TWU sent John Demons an email for update of TUBX706 and an invitation to RO meeting to discuss update. All of RO committee copied in. MDR has not been changed to reflect DER repair to RO line. TWU presented a copy of MDR, dated 11-18-2009, to all present at RO meeting. Kenny Powell sent

Leo Dominguez an email concerning tube. TWU will send Kenny Powell email to the RO committee. TWU was tasked to send Jonas Perez email concerning MDR.

**8. SHAX781, SHAFT, ASSY. DRIVE HPT (01-400)** TWU would like for the metal spray repair and the machining to be accomplished at AFW TAESL in their respective shops, If the part is not RO'd for seal fin repair or shot peen. The metal spray and machine repairs are FRSD120 for Outside Diameter and FRSD118 for Inside Diameter. Please add these repairs to the MDR.

\*\*May 22 Cedric Wilson will check for source document.

\*\*May 28 John Jovanovich to task this item.

\*\*Jun 4 John Jovanovich needs to research codes in source document, will update next week.

\*\*Jun 18 John Jovanovich will contact Wendy Meska concerning pending contracts.

\*\*Jun 25 Snap Diameter repair is not contracted or source controlled. Rest of repair is. TWU to research that we have tooling to accomplish this task.

\*\*Jul 2 Awaiting signatures TAESL / TWU In-Source Request Form.

\*\*Jul 9 Awaiting signatures TAESL / TWU In-Source Request Form.

\*\*Jul 16 No change.

\*\*Jul 23 Sign TAESL / TWU In-Source Request Form and give to John Jovanovich on 7-24-09.

\*\*Aug 6 TWU is rewriting the TAESL / TWU In-Source Request Form.

\*\* Aug 20 TWU presented Cedric Wilson with TAESL / TWU In-Source Request Form.

\*\*Aug 27 Cedric Wilson will try to complete the TAESL/TWU In-Source Request Form by the next RO meeting.

\*\* Sept 03 Refer to item #1

\*\* Sept 17 Refer to item 1

\*\* Sept 24 refer to item 1

\*\* Oct 1 TWU submitted TAESL/TWU IN-SOURCE REQUEST FORM to management for signatures.

\*\* Oct 15 Management signatures in process

\*\* Oct 22 No change

\*\* Nov 5 No change

\*\* Nov 19 Machine shop is not able to support this repair without a new grinder unless a Technical Variance is assigned to the trent repair. TWU has agreed to pull this item from the agenda . It was brought to the attention of the TWU, 11-19-2009, by tech crew chief John Krueger, presently we do not have the capabilities without the proper equipment.

9. DISX359, DISC, ROTOR HP TURBINE (01-350) TWU would like for the metal spray repair and the machine shop repair to be accomplished at AFW TAESL in their respective shops, if the parts are not RO'd for seal fin repair or shot peen. The metal spray repairs are FRSD170 front spigot diameter and FRSD171 rear spigot diameter. The machine shop repair is FRSD119, replace oil distributor. Please add these repairs to the MDR.

\*\*May 22 Cedric Wilson will check for source document.

\*\*May 28 John Jovanovich to task this item.

\*\*Jun 4 John Jovanovich need to research codes in source document, will update next week.

\*\*Jun 18 John Jovanovich will contact Wendy Meska concerning pending contracts.

\*\*Jun 25 Snap Diameter repair is not contracted or source controlled. Rest of repair is. TWU to research that we have tooling to accomplish this task.

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\*\* Sept 17 Refer to item #1

\*\* Sept 24 Refer to item #1

\*\* Oct 1 TWU submitted TAESL/TWU IN-SOURCE REQUEST FORM to management for signatures.

\*\* Oct 15 Management signatures in process

\*\* Oct 22 No change

\*\* Nov 5 No change

\*\* Nov 19 Refer to item #1

**10.** Wet blast machine in breezeway. TWU will check into reinstallation of wet blast machine.

\*\*Jun 25 No change.

\*\*Jul 2 Mark Martin will check on upstart on wet blast machine. John Krueger suggested TI for dry blast.

\*\*Jul 9 Mark Martin stated wet blast machine in breezeway looks good except for the conveyor. Possible hi-pressure washer at build line car wash.

\*\*Jul 16 TAESL needs cost of getting wet blast machine up and running and installed.

\*\*Jul 23 Mark Martin to submit costs to RO Committee to get wet blast machine up and running.

\*\*Aug 6 No change.

\*\* Aug 20 No Discussion

\*\*Aug 27 Because of SkyBall and manpower Mark Martin will get to this item as soon as possible.

\*\* Sept 03 Update after SkyBall.

\*\* Sept 24 Mark Martin is having trouble getting in touch with vendor. Vendor does not answer phone. Committee suggested Mark call from cell phone.

\*\*Oct 1 Mark Martin reported via Harvey West, is having trouble finding vendors to repair wet blast machine. The company that made this model has changed hands many times. He finally contacted a person, she will attempt to get information through archives. Cedric Wilson suggested contacting facilities I.E. to see if there are records available.

\*\* Oct 15 Having problem finding parts.

\*\* Oct 22 Mark Martin will investigate parts further after Skyball.

\*\* Nov 5 Mark Martin will let me know where he is at next week.

\*\* Nov 19 Mark Martin, Title 2 RO Co-chairman, presented an update of the wet blast machine. The book need from archives is missing. He will update as soon as possible.

**11.** SHRX357, 358 and 359. Cedric Wilson to follow up with Brian Walker concerning TI RB0034.

\*\*Jun 25 No change.

\*\*Jul 2 No change.

\*\*Jul 9 Cedric Wilson to meet with Brian Walker early Monday.

\*\*Jul 16 Received TIRB0034 from Cedric Wilson, and TWU will see if any changes are needed on TI to accomplish this repair in-house.

\*\*Jul 23 Meeting requested with Brian Walker with Cedric Wilson, John Jovanovich, Terrence Kennedy, Dean Rogers and TWU RO Committee.

\*\*Aug 6 Meeting date is set on Aug 18 at 10 am. Kenny Powell, Doug Housley, Harvey West, Keith Powell, Danny Gonzales, Terrence Kennedy, Dean Rogers, Brian Walker, Cedric Wilson and John Jovanovich will be asked to attend.

\*\*Aug 20 Held meeting, Brian Walker was on vacation, Cedric Wilson and John Jovanovich were in other meetings. All others were in attendance. Jonas Perez will report September 9, 2009 at RO Meeting. RO meeting will actually be on Sept. 10th instead of Sept. 9<sup>th</sup>.

\*\*Sept 17 Jonas Perez requested additional month due to operational requirements.

\*\* Sept 24 Jonas Perez will get date

\*\* Oct 1 TWU to talk with Dean Rogers if we can use an NCR for TI RB0034.

\*\* Oct 15 TWU to do follow up email with Dean Rogers and Jonas Perez

\*\* Oct 22 Email sent, all RO committee copied in

\*\* Nov 5 A meeting was held November 4, 2009 at 1000 to discuss shrouds. RO committee was emailed a copy of the minutes from that meeting. Follow-up meeting will be December 4, 2009 at 1000.

\*\* Nov 19 TWU will submit tool request form to Jonas Perez for signature so that Danny Gonzales can start on tool fabrication.

**12.** TWU asked has Management presented the TWU power point presentation to it's Supervisors. The TWU is not getting any RO notifications.

\*\*Jul 9 Keith Powell sent PP presentation to Cedric Wilson for him to review.

\*\*Jul 16 No change.

\*\*Jul 23 Waiting on firm date for power point presentation.

\*\*Aug 6 No change.

- \*\* Aug 27 Will shoot for a planned date in October of 2009.
- \*\* Sept 17 no scheduled date as of today
- \*\* Sept 24 No change
- \*\* Oct 1 No change
- \*\* Oct 15 Kenny Powell will follow up with Rod Blake.
- \*\* Oct 22 No change
- \*\* Nov 5 Presentation rollout will be no later than January 11, 2010.

13. RIN1011, RIN1012, 5575148 RO'd for wet blast FRS1007 and FRS1160. MDR references RO for wet blast as well as the shop order. No RO notification was given to the TWU RO committee Concerning RO. Management would like to discuss split process for FRS.

- \*\* Oct 15 Dialogue started
- \*\* Oct 22 On hold for Mark Martin's research on wet blast machine parts.
- \*\* Nov 5 Mark Martin will give an update next week on wet blast machine.
- \*\* Nov 19 Mark Martin presented update for wet blast machine.

14. CASX286. No RO notification given. RO for S/B 72-D487 and FRS5410. While the case is at the vendors , they are accomplishing 100%. The part is out for RO from 30 to 66 days. We can accomplish all other repairs in house as we once have. Reference MDR for repairs.

- \*\* Oct 15 Cedric Wilson to follow up to see if case will return in-house after S/B is complete
- \*\* Oct 22 No change
- \*\* Nov 5 No change
- \*\* Nov 19 No change

15. Need an up date on the new Alodine tank.

- \*\* Nov 19 new Alodine System has been moved to 2010 budget. Money has not been allocated at this time.

16. BEAX336 – Bearing, Roller, IP COMP ( 03-920 ) this is for the RB211-535. It is sent to the vendor for TI RB0518 for a bright flashlight, 3X magnification, to visually check the bearing for nicks, gouges, foreign

matter, spalling, scratches and galling. Submerge in clean engine oil, wrap and store. This is for Level 2 only. This bearing is RO'd for 14 days plus, for visual inspection and an oil wrap.

\*\* Nov 19 John Jovanovich will research

\*\*\* Our next RO meeting will be DEC 3, 2009 at 1330 ( 1:30pm ) in the conference room next to Rod Blake's office.\*\*\*

Persons in attendance for this RO meeting on November 5, 2009

Harvey West	Title 1 RO Chairman
Todd Stewart	Title 1 RO Co-Chairman
Cedric Wilson	Director of Trent
John Jovanovich	Manager of Component Maintenance
Mark Martin	Title 2 RO Co-Chairman
Miguel Soto	TWU RO Committee

