

## RO MEETING MINUTES, MAY 3, 2012

### **\*\*PLEASE TURN OFF CELL PHONES\*\***

**\*\*\*Our next meeting is scheduled for Thursday, June 7, 2012 at 1330 ( 1:30pm ) in the conference room next to Rod Blake's office.\*\*\***

**\*\*\*\* The RO meeting scheduled for today never took place. Management did not attend nor was there a cancellation email sent out. All items remain the same except for item 2. An explanation is included for item 2. Hopefully, all participants will attend the next meeting scheduled for June 7, 2012. \*\*\*\***

1. ( Arbitration Decision M-1449-03 August 18, 2004 ) 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, 2008 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, 2008 Cedric Wilson will get authority to prototype.**

**\*\*Oct 1, 2008 301, 302, and 304 are being prototyped.**

**\*\*Oct 8, 2008 Cedric Wilson will generate shop orders for the discs.**

**\*\*Oct 15, 2008 Reference OPM 10.14 same as above.**

**\*\*Nov 4, 2008 Awaiting 073 form so blades can used as fixtures.**

**\*\*Nov 12, 2008 Awaiting 073 form so blades can used as tooling. Mike Pennington will do shop order.**

**\*\*Nov 19, 2008 Have 073 form, Crew Chief will get blades.**

\*\*Dec 3, 2008 Crew Chief in Rolls Royce Paint Shop has blades, waiting for Shop Order from Mike Pennington.

\*\*Dec 10, 2008 Mike Pennington is working the Shop Orders.

\*\*Dec 17, 2008 Mike Pennington continued on Shop Orders. RO committee discussed only doing new tasks on repair per the OP 10.14 1.1.

\*\*Jan 7, 2009 Awaiting Shop Orders, possibly by Jan 9.

\*\*Jan 21, 2009 Awaiting Shop Orders.

\*\*Jan 28, 2009 No change.

\*\*Feb 4, 2009 Cedric Wilson to have Mike Pennington make shop orders.

\*\*Feb 18, 2009 Cedric Wilson to have shop orders made.

\*\*Feb 25, 2009 Shop Orders in process of being made.

\*\*Mar 4, 2009 DISX 301 shop order complete, 302, 304 in progress.

\*\*Mar 11, 2009 DISX 301, 302, 304 are in the clean shop.

\*\*Mar 18, 2009 DISX 301, 302, 304 in proto-type.

\*\*Mar 25, 2009 DISX 301, 302, and 304 are still in proto-type and are going back to clean shop to remove de-watering oil.

\*\*Apr 1, 2009 DISX 301,302, and 304 are back from clean shop and ready for proto-type.

\*\*Apr 8, 2009 DISX 301, 302, 304 in proto-type.

\*\*Apr 15, 2009 Proto-type is complete. QA has paperwork to check procedures on blades.

\*\*Apr 23, 2009 Proto-type is complete. Mike Pennington and Chris Lilly to get together and work out details for shop orders.

\*\*May 7, 2009 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, 2009 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, 2009 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, 2009 Wendy Meska to get contract information and return on June 18.

\*\*Jun 18, 2009 No pending contracts. TWU sent MDR to Mike Pennington and committee was copied.

\*\*Jun 25, 2009 Mike Pennington out on VC this week, will start on MDR Monday.

\*\*Jul 2, 2009 Cedric Wilson supplied TAESL / TWU In-Source Request Form. Randy Thomas wanted wants Material Management included.

\*\*Jul 9, 2009 Awaiting TAESL / TWU In-Source Request Form.

\*\*Jul 16, 2009 No change.

\*\*Jul 23, 2009 Paperwork signed by TWU give to John Jovanovich.

\*\*Aug 6, 2009 TWU is rewriting the TAESL / TWU In-Source Request Form.

\*\*Aug 20, 2009 TWU presented TAESL / TWU In-Source Request Form to Cedric Wilson.

\*\*Aug 27, 2009 Cedric Wilson will try to have TAESL/TWU In-Source Request Form completed by the next RO meeting.

\*\*Sept 03, 2009 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, 2009 Scheduled a meeting for Monday, September 21, 2009 at 1300 ( 1:00pm ) to discuss TAESL/TWU IN-SOURCE REQUEST FORM.

\*\*Sept 24, 2009 All in attendance agree on form. Will start submitting for all to sign.

\*\*Oct 1, 2009 TWU submitted TAESL/TWU IN-SOURCE REQUEST FORM to management for signatures.

\*\* Oct 15, 2009 Management signatures in process

\*\* OCT 22, 2009No change

\*\* Nov 5, 2009 No change

\*\*Nov 19, 2009 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.

\*\* Dec 17, 2009 Prior to our scheduled meeting for Dec. 17, 2009 the TWU RO committee sent an email to the management side of the RO committee asking for the TAESL/TWU IN-SOURCE REQUEST FORMS to be completed and all paperwork be attached to forms for our scheduled meeting for December 17<sup>th</sup>. Manager Cedric Wilson informed the RO committee that finance will not sign off on the forms until the TWU reduces their labor hours on parts currently worked in-house. Therefore, the work would not be brought in-house at this time. The TWU rejected this practice. The TWU pointed out that the entire RO committee, Management and TWU , agreed to no longer RO these parts and that the work would be accomplished by TWU members at AFW TAESL. The TWU also protested all the required signatures on the TAESL/TWU IN-SOURCE REQUEST FORM other than the RO Committee. Cedric Wilson stated that this was not his decision, it was finance, Lisa Schmaker and Will Folger. The TWU informed management that we have no alternative but to seek remedy through the grievance process, possibly a Presidential grievance. Cedric Wilson suggested to the RO committee that this could have dire results, we could possibly lose all 3<sup>rd</sup> party work and massive layoffs could result at Taesl because of the grievance. He also pointed out what labor hours we charge our customers, 6500 hours. Every time we go over 6500 hours Taesl has to eat those hours.

\*\* January 7, 2010 No Change

\*\* Jan 21, 2010 No Change. Pending meeting Jan 22, 2010.

\*\*February 11, 2010 Kenny Powell sent email to Greg Young expressing ample time to make a decision concerning meeting of January 22, 2010. Cedric Wilson to revisit in 2 weeks from Kenny's email.

\*\* February 18, 2010 No Change

\*\* March 4, 2010 Per Cedric Wilson 3 signatures are needed for the Taesl/TWU In-Source form to be complete, Purchasing, Stan Foote and Materials. Once the discs are brought in-house there will be a 90 day review of the discs. TWU and management agreed to RO for 100% if shot peen is required. If it is a split process, RO for 100% will be determined on an individual part basis. Management and the TWU will review S/B 72-AF923 and S/B 72-D365

\*\* March 18, 2010 RO meeting postponed until March 25, 2010 at management's request.

\*\* March 25, 2010 Management did not show. Meeting canceled at 1345

\*\* April 1, 2010 No change. John Jovanovich will get signatures.

\*\* April 15, 2010 Per Cedric Wilson 1 signature left, Wendy Meska. Cedric will have that signature by our next scheduled RO meeting. Before bringing in house we need the final signature, the new paint booth completed ( anticipated final completion of paint boot should be the 1<sup>st</sup> week of May, 2010 ) and a defined work area. Kenny Powell will email Cedric with defined work area.

\*\* April 29, 2010 No Change

\*\* May 13, 2010 No Change

\*\* May 27, 2010 Wendy Meska has forms. When forms are signed, Cedric Wilson will give Harvey West a copy of the forms.

\*\* June 10, 2010 RO meeting canceled today because management was required to attend the TAESL/RR Business Review from 8am until 5pm with guests attending from Derby.

\*\* June 24, 2010 Wendy Meska is still doing some research on this.

\*\* July 8, 2010 Received TAESL/TWU IN-SOURCE Form with appropriate signatures signed. Jonas Perez will take care of updating the MDR. Expectations is for MDR to be updated by next scheduled RO meeting.

\*\* July 22, 2010 TWU to send Mike Pennington copies of the signed TAESL/TWU IN-SOURCE REQUEST FORM so he can update the MDR so that disx's can be brought in-house for repair.

\*\* August 5, 2010 No discussion due to the canceling of the RO meeting.

\*\* August 19, 2010 TWU sent email to Mike Pennington, all of RO committee copied in on email, requesting MDR change to reflect the in-sourcing of DISX301, 302, 304. Also sent Mike Pennington copies of TAESL/TWU IN-SOURCE REQUEST FORM for DISX301, 302 and 304. This email was sent July 29, 2010 at 1:45pm as of today's meeting have not heard from Mike Pennington. John Jovanovich will touch base with Mike Pennington to see where we are at.

\*\* September 2, 2010 John Jovanovich called Mike Pennington and was unable to reach him.

\*\*September 16, 2010. September 13, 2010 the TWU sent an email to Mike Pennington requesting a follow-up to the MDR change request. All of the RO committee was copied in on the email as well as a copy of the email was presented to each RO committee member at our RO meeting on September 16, 2010. The prototype for the disxs was completed 4-15-2009. 5-7-2009 management decided that they needed to check contracts and we also needed a form for signature approval. This form was originally supposed to be for committee members only. 10-1-2009 the TWU submitted an in-source form to management for signatures. 12-17-2009 Finance refuses to sign the form. 7-8-2010 management finally completes signature sign off on forms. Jonas Perez to update MDR with MDR Planner. 9-16-2010 MDR still not updated. TWU's email dated 9-13-2010, Mike Pennington has conversed with John Jovanovich. MDR should be changed soon to reflect the IN-sourcing of Disx301, 302 and 304.

\*\* September 30, 2010 Harvey West checked the MDR's for Disx301, 302, 304. There were no changes to them. The MDR's were presented to John Jovanovich. John Jovanovich will followup with Mike Pennington. If the changes are not made by the next scheduled RO meeting, the TWU will take this issue to the next level.

\*\* October 14, 2010 Harvey West pulled up the MDR's, MDR's were changed but with the wrong shops. Kenny Powell assisted John Jovanovich with the corrections. John Jovanovich will make the corrections and take care of the MDR changes in 2 weeks or less.

\*\* October 28, 2010 No discussion due to meeting canceled.

\*\* November 11, 2010 Still going out for RO. Sent out for over-temp if blades fail> Check on S/B 72-AG272 sent out for RO for this S/B. Check on employee # to find out who sent Disx's out for RO. Also, ask if the shop has everything they need to accomplish and visually check also. If needed get John Jovanovich involved and have meeting with the shop.

\*\* January 6, 2011 The RO meeting was canceled due to Docket Review.

\*\* January 20, 2011 TWU explained to RO committee what needs to be in place before starting discs. Racks, stands, boxes, air and tables need to be completed as soon as possible. FMSR's have already been provided. Need facilities to accomplish. Both crew chiefs from the 05 shop, Mark Walters and Joe Lynn, stated they could get started on the discs now providing the racks, boxes and other items are installed soon so as not to back up the shop. Crew Chief Joe Lynn, 05 shop will provide FMSR's to John Jovanovich. John Jovanovich will provide FMSR's to Tom Rock. Management said Tom Rock already has FMSR's. According to supervisor Joseph Camilleri, we now need a Mercer Electrical Gauge for all 3<sup>rd</sup> party discs. Jonas Perez stated we need a complete list of what all is needed. Devin Thompson stated a hardness check has to be accomplished per a service bulletin. Harvey West stated we have a Rockwell Hardness tester in the Metal Spray shop and the Tool and Die Shop. Devin Thompson said it must be calibrated. Harvey West stated it is calibrated we just have to figure out how to test the hardness because of the size and weight of the discs. Tech Crew Chief Mike Baker has been tasked with the list of what is needed to accomplish. He will have this list by next RO meeting if not sooner, possibly by Wednesday 1-26-11. Service Bulletin for stage 2 cooling holes is complete.

\*\* February 3, 2011 John Jovanovich stated that tech crew chief Mike Baker was working on the MDR for DISX304 so as to have the part flow properly. John Jovanovich wants TCC Mike Baker to provide a list for tooling, FSR repairs everything to get the stage 3 disc into the shop and to give that list to Jonas Perez. Harvey West stated he should be copied in on the list created by TCC Mike Baker.

\*\* February 17, 2011 Tech Crew Chief Mike Baker sent a tool list to manager Devin Thompson and manager John Jovanovich. TCC Mike Baker also provided MDR's for Disx301, 302 and 304 of what we can and cannot accomplish. As of yet, we cannot accomplish hardness check because we have no stand to support the disc. As of yet, we cannot accomplish RB0528. Management needs to purchase Mercer Electrical Gauge so that we are able to accomplish RB0528 on Third Party parts. We can accomplish RB0528 on AA discs. Need to purchase or make master gauge to accomplish FRS6673. Working on tooling. Discussion about not being able to bring in-house by management. Kenny Powell stated this was a mute point, and that this work was already decided by an arbitrator. Manager Randy Thomas does not agree about arbitration decision.

\*\* March 3, 2011 TCC Mike Baker at the last RO meeting furnished the committee with MDR's of Disx301, 302, 304. He had marked what we could accomplish now and what we cannot accomplish: RPR code 21 for special procedures 17 hardness check, Harvey West provided the RO committee with a list of portable Brinell Hardness Testers that could be purchased for around \$2500. Jonas Perez has this list.

The RO committee agreed that in the mean time if we cannot utilize the hardness tester we already have or if we are unable to purchase the portable hardness tester, in the event of engine over temperature we will RO the disc. We will RO for engine over temperature only. For TI RB0528 , this TI must be sold to the third party customers or a Type 122 Mercer Electronic Gauge and probes must be purchased. Also need Master Blade Root Gauges HU38884 and HU38885. The 05 shop still needs their racks, boxes and tables. Randy Thomas at the last meeting had doubt as to what the Union was stating as to what Arbitrator's decision was. The decision stated: " Regarding the merits, the work, except for the painting will be brought back inside until a full discussion has occurred between the parties on alternatives to contracting out. The Board will reserve jurisdiction in the event a mutually agreeable resolution is not achieved." A copy of the Opinion and Award, Grievance Number: M-1449-03 was provided for Randy Thomas and any other member of the RO committee who chose to take a copy. Jonas Perez will assign the Mercer gauge to Karla Dingman. Devin Thompson and Jonas Perez will have an update on tooling and answers at our next RO meeting. Once everything is in place Randy Thomas would like to walk a part through the system with TCC Mike Baker to make sure the MDR and shop orders are as they should be.

\*\* March 17, 2011 Harvey West reported that he had a conversation with Title 2 ATD RO Co-Chairman concerning the Brinell tester. He said they have a couple of testers in MCI. One may be a Brinell tester. Ron Harp will check on this. John Jovanovich will check into the Master Blade Root Gauge. We need 2 of each, HU38884 and 38885. There is a 7 to 13 week lead time on acquiring the master blade root gauges. TCC Mike Baker will need someone from management to give authority to MDR planner Mike Pennington for proposed shop order changes. John Jovanovich stated that Mike Pennington has put together shop order changes that were proposed by Mike Baker. When tooling and shop orders are completed Mike Baker will do a run through with Disx304 to make sure everything works as it should.

\*\* March 31, 2011 Manager John Jovanovich will email Karla Dingman to evaluate, write a geysers and she will tell us what the geysers requires. John Jovanovich told TCC Mike Baker to order a set of master blade root gauges now and we will verify if we need extra sets and order if needed.

\*\* April 14, 2011 John Jovanovich wrote an email to Karla Dingman to have her order a Master Blade Root Gauge and to have her set up a GSER.

\*\* April 28, 2011 No update. John Jovanovich will follow-up with Karla Dingman.

\*\* May 12, 2011 Supervisor Joseph Camilleri ordered 2 each of both sets of master blade root gauges. John Jovanovich approved the order.

\*\* May 26, 2011 Expect 7-13 weeks for the master blade root gauges.

\*\* June 23, 2011 No change. Will re-visit 7-20-11 to check if master blade root gauges have arrived.

**\*\* July 7, 2011 Devin Thompson informed the RO Committee that Hydro is having trouble building these tools. Devin is going to see if Rolls Royce will help get prints for tooling.**

**\*\* July 21, 2011 Devin Thompson said Hydro needs 2 blades for dimensions. Devin Thompson received prints July 20. Harvey West gave Chris Lilly blades. Devin Thompson will work with Mansfield Vincent concerning the blades.**

**\*\* August 4, 2011 Harvey West emailed Crew Chief Chris Lilly concerning blades. He has them in his office. Devin Thompson has the blades and turned them over to Industrial Engineer Karla Dingman. She found out that the blades do not meet requirement. Rolls Royce will find blades that meet the requirement for the tooling standards and send them to Hydro for tooling requirements. No time line**

**\*\* August 18, 2011 Karla Dingman working with Mike Pruitt on getting scrapped blades from vendor to see if we are able to utilize.**

**\*\* September 1, 2011 Have to find blades that meet tooling requirements. Hydro is looking for blades on the high side. No time line on the tooling. Kenny Powell will meet with Tech Crew Chief Mike Baker and have him meet with Devin Thompson.**

**\*\* September 15, 2011 Doug Housley stated Kenny Powell spoke to Tech Crew chief Mike Baker concerning blades. Mike informed Kenny that the blades that were mic'd were within limits. Devin Thompson stated that those blades mic'd were out of limits. Devin Thompson emailed mike Pruitt about getting blades for tooling. If he does not get an answer soon he will push this item up to John Brooks. Devin will report more on this at the next scheduled RO meeting. Kenny Powell will get with TCC Mike Baker and re-measure the blades.**

**\*\* September 29, 2011 Devin Thompson elevated to Doug Cribbes and Rod Blake. Hydro performance is not acceptable.**

**\*\* October 13, 2011 Devin Thompson working with Hydro. He will report at the next meeting. Kenny Powell took measurements of the blades we currently have. Blades are within limits. HU38885 minimum = .4898, maximum = .4927, actual is = .4920 HU38884 minimum = .5251, maximum = .5291, actual = .5280. Devin Thompson stated the print indicates that reading has to be at the top of the measurement instead of the minimum.**

**\*\* October 27, 2011 Devin Thompson reported that Mike Pruett has 60 used (scrapped) blades that are being shipped to us from SAESL. Devin Thompson has the tooling prints from Hydro. When the blades arrive he will have someone go thru the blades to see if they are in limits. If any of the blades are within limits multiple sets of tooling will be made from them.**

**\*\* November 10, 2011 Mike Pruett to get back with Devin Thompson. Devin thought he would have it by now.**

**\*\* December 8, 2011 No Change.**

**\*\* January 5, 2012 Per Devin Thompson; the blades have arrived. The Blades are in retention. Harvey West and Danny Gonzales will take the measurements to find out which blades are within limits. Harvey west will coordinate with Ronya Smay when measurements are completed. Devin Thompson will send prints of the blades to Harvey West.**

**\*\* January 19, 2012 No change. The TWU will have the blade measurements completed by Tuesday, January 24, 2012.**

**\*\* February 16, 2012 There are 4 each in Reclamation that are in limits marked "in lim". Devin Thompson will have Ronya Smay contact Judge Christianson for pickup of Blades.**

**\*\* March 1, 2012 Devin Thompson has contacted Ronya Smay. He has not heard back from her.**

**\*\* April 5, 2012 TWU asked who is taking over for Ronya Smay? She is no longer with the company.**

**\*\* May 3, 2012 No meeting took place.**

**2. ( Introduced May 8, 2008 ) SHRX357, 358 and 359. Cedric Wilson to follow up with Brian Walker concerning TI RB0034.**

**\*\*Jun 25, 2009 No change.**

**\*\*Jul 2, 2009 No change.**

**\*\*Jul 9, 2009 Cedric Wilson to meet with Brian Walker early Monday.**

**\*\*Jul 16, 2009 Received TIRB0034 from Cedric Wilson, and TWU will see if any changes are needed on TI to accomplish this repair in-house.**

**\*\*Jul 23, 2009 Meeting requested with Brian Walker with Cedric Wilson, John Jovanovich, Terrence Kennedy, Dean Rogers and TWU RO Committee.**

**\*\*Aug 6, 2009 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 sll be asked to attend.**

**\*\*Aug 20, 2009 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, 2009 Jonas Perez requested additional month due to operational requirements.**

**\*\* Sept 24, 2009 Jonas Perez will get date**

**\*\* Oct 1, 2009 TWU to talk with Dean Rogers if we can use an NCR for TI RB0034.**

- \*\* Oct 15, 2009 TWU to do follow up email with Dean Rogers and Jonas Perez
- \*\* Oct 22, 2009 Email sent, all RO committee copied in
- \*\* Nov 5, 2009 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, 2009 TWU will submit tool request form to Jonas Perez for signature so that Danny Gonzales can start on tool fabrication.
- \*\* Dec 17, 2009 Send a copy of the meeting minutes to Cedric Wilson and John Jovanovich.
- \*\* January 7, 2010 TWU sent email of minutes requested. All RO committee copied in.
- \*\* Jan 21, 2010 Possible tool request, Jonas to follow up.
- \*\* February 11, 2010 TWU will set up meeting with Jonas Perez, Sam Anderson and all involved in the last 2 meetings.
- \*\* February 18, 2010 No discussion
- \*\* March 4, 2010 TWU will set up meeting
- \*\* March 18, 2010 Refer to item # 1
- \*\* March 25, 2010 Refer to item # 1
- \*\* April 1, 2010 The TWU presented the RO committee a copy of the March 17, 2010 minutes of a special meeting for the shrouds in question to all members in attendance. Our next special meeting will be April 14, 2010. This meeting will be to discuss tooling and TI RB0034.
- \*\* April 15, 2010 TWU informed RO committee a meeting was scheduled for April 14, 2010 to discuss TI and tooling. TWU sent a notice of the calendar with an accept or decline. The only people that attended the scheduled meeting were the TWU. A new meeting will be re-scheduled for Wednesday, May 19, 2010 at 1030 ( 10:30am ).
- \*\* April 29, 2010 TWU sent calendar out for next meeting.
- \*\* May 13, 2010 Jonas Perez is planning on attending this meeting. He will make sure Sam Anderson and Brian Walker answer their calendar requests for this meeting.
- \*\* May 27, 2010 No discussion. Ran out of time.
- \*\* June 10 , 2010 refer to item # 1.
- \*\* June 24, 2010 Jonas Perez he will be making this meeting. John Jovanovich is going to be on vacation.

- \*\* July 8, 2010 TWU will send out calendar of the date for the next meeting.
- \*\* July 22, 2010 No Change
- \*\* August 5, 2010 Refer to item # 1
- \*\* August 19, 2010 No change
- \*\* September 2, 2010 No Change
- \*\* September 16, 2010 No Change
- \*\* September 30, 2010 Jonas Perez has talked with Sam Anderson. Sam should have the drawings completed by the end of October 2010.
- \*\* October 14, 2010 Should be ready next week. Jonas Perez to report at the next scheduled meeting.
- \*\* October 28, 2010 Refer to item #1
- \*\* November 11, 2010 Sam Anderson is almost finished with the prints.
- \*\* January 6, 2011 Refer to item # 1.
- \*\* January 20, 2011 Sam Anderson said he would be finished with the rest of the drawings in about 3 weeks. Will set up meeting 3 weeks from now.
- \*\* February 3, 2011 No change. Title 1 RO Chairman Harvey West will set up date and time for meeting and send the calendar to the attendee's.
- \*\* February 17, 2011 There is a meeting scheduled for Monday, February 28, 2011 at 9:30am.
- \*\* March 3, 2011 A meeting was held February 28, 2011. All necessary persons attended except for engineering. A new meeting will be scheduled for March 30, 2011 at 9:30am to 10:30am in the conference room next to Rod Blake's office. Harvey West will send the calendar out to the appropriate people.
- \*\* March 17, 2011 Meeting has been set for March 30, 2011 at 9:30am to 10:30am. Calendars have been sent to all required attendees.
- \*\* March 31, 2011 Discussed this at a March 30, 2011 meeting for SHRX357, 358, 359 and TI RB0034. Question asked by Devin Thompson: Which customers will be affected by the TI?
- \*\* April 14, 2011 No Change.
- \*\* April 28, 2011 Have Jonas Perez check on TI's for customers. Have changes ready for Jonas Perez. Let Brain Walker know that the rivet squeeze is in so that he can make appropriate changes to the TI. Get

rivet squeeze installed in the machine shop. Work will be accomplished in the machine shop. Have Dean Rogers and Terence Kennedy walk the prototype through the process.

**\*\* May 12, 2010** In this portion it was pointed out that April 28<sup>th</sup> response for item # 4 was copied and pasted in this item. Removed this from item # 5. Harvey West talked to Danny Gonzales. Danny Gonzalez will have the rivet squeeze installed in the machine shop. The rest of April 28<sup>th</sup> tasks will be taken care of after the rivet squeeze is installed.

**\*\* May 26, 2011** Danny Gonzales reported. Received shrouds and rivets, should have complete by next RO meeting. Get Brian Walker involved with this.

**\*\* June 9, 2011** No Report.

**\*\* June 23, 2011** Rivets were shot. Sam Anderson, industrial engineer, said the rivets looked good. As of now we are out of this type of rivets. The rivets are on order. Have Danny Gonzales make spare anvils for rivet squeeze gun. Have Brian Walker to view and evaluate when new rivets arrive so that he can make appropriate changes to TI.

**\*\* July 7, 2011** Danny Gonzales said that they are still waiting on parts. Once these parts come in, he said that they are good to go.

**\*\* July 21, 2011** Harvey West will check hanger for rivets.

**\*\* August 4, 2011** Stores clerk Powell Thompson is working on securing the rivets.

**\*\* August 18, 2011** Per Harvey West. Powell Thompson said Rolls Royce ordered one set of rivets. We have the others. Once all rivets are here we will coordinate with Brian Walker.

**\*\* September 1, 2011** Harvey West spoke with Daphne Moeller on the rivets. He provided her with the reference she needed for the rivets.

**\*\* September 15, 2011** Harvey West sent an email to Daphne Moeller concerning the rivets. All the RO committee was copied in. She replied stating we should have the rivets by Tuesday.

**\*\* September 29, 2011** Harvey West to follow up with Daphne Moeller

**\*\* October 13, 2011** Harvey West stated he had talked to Powell Thompson and according to Powell the rivets are in. Harvey West will confirm with Daphne Moeller.

**\*\* October 27, 2011** Harvey West sent an email to all the RO committee. Below is a copy of the email.

Good morning,

We finally have the rivets. Miguel Soto will be in charge of the shrouds. He will coordinate with Terence Kennedy, Danny Gonzales, Dean Rogers, Brian Walker, Sam Anderson and Powell Thompson to ensure that the rivets are installed correctly in the shrouds. Once this is accomplished Brian will take care of the changes we discussed to TI RB0034. Once this is complete Devin Thompson and John Jovanovich will need to coordinate with Mike Pennington to make sure the MDR and shop orders reflect that all work on

the shrouds will be accomplished in-house. This has been a long time in the making. Thanks for everyone's effort and let's get this accomplished as soon as possible.

Regards,

**Harvey West**

TWU Local 567 Title 1 R.O. Committee Chairman

Office Number 817-224-0257

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\*\* November 10, 2011 Miguel Soto reported we have the rivets, we have the "C" squeeze as soon as the stock clerk gets the rivets to Danny Gonzales we will begin the process. Devin Thompson requested that Miguel send an email to supervisors Mansfield Vincent and Kim Koerperich so that may coordinate a time with the machine. Miguel will copy all necessary people in an email.

\*\* December 8, 2011 Miguel Soto reported we have the equipment and tooling. I'm working with the crew chief in the machine shop to see if we can accomplish this next week. Danny Gonzales is creating a vidmar for rivets and rivet squeeze. Miguel Soto will send an email to all necessary people that need to be present at this process as well as coping in the RO committee.

\*\* January 5, 2012 Hope to get started by next week, Thursday January 12, 2012. Be sure to include Brian Walker so that he can revise the TI when completed.

\*\* January 19, 2012 No change.

\*\* February 16, 2012 Hopefully we will be able to begin next week. We had to wait on shift change from the machine shop. Once rivets are installed Devin Thompson will ensure more machinist are trained on the procedure.

\*\* March 1, 2012 No change

\*\* April 5, 2012 Source demonstration is complete. Brian Walker is revising the TI.

\*\* May 3, 2012 I talked to engineer Brian Walker. There was a problem with an engine failure because of annulus fillers. The fillers have become the high priority item and everything else is secondary.

**3.** February 17, 2011 New item. John Jovanovich is concerned about the turn times of Disx370. It is driving engine dates. He would like the RO committee's help.

\*\* March 3, 2011 Devin Thompson requested this item be moved to the next RO because it was brought forward by John Jovanovich and he is not present at today's meeting.

\*\* March 17, 2011 Todd Stewart discussed this with TCC John Kruger. John Krueger stated it bottle necks in the clean shop. John Jovanovich will look at the disx's in WIP and report at our next scheduled meeting.

\*\* March 31, 2011 No change. John Jovanovich this is the first thing out of the engine and the last one in.

\*\* April 14, 2011 No change. John Jovanovich is still collecting data.

\*\* April 28, 2011 John Jovanovich still collecting data. Kenny Powell stated that Stan Foote needs to talk to the crew chiefs concerning this issue.

\*\* May 12, 2011 Stan Foote will talk to crew chief and planners.

\*\* May 26, 2011 No change.

\*\* June 9, 2011 No Change. No information available.

\*\* June 23, 2011 No change

\*\* **July 7, 2011 Kenny Powell said Stan Foote addressed issue. John Jovanovich will review turn times.**

\*\***July 21, 2011 John Jovanovich will review turn times.**

\*\* **August 4, 2011 Harvey West to check shop orders for time. We wait a long time for a TV. John Jovanovich stated this has affected turn times on the trent and will probably affect the trent. John Krueger stated this part needs to be assigned. All in attendance discussed that this part needs a higher priority assigned to it to get it thru the shops faster.**

\*\* **August 18, 2011 Harvey West reported that the MDR needs a couple of changes. Remove the RO lines that are for re-lubrication and inspection of part and FRSA052.**

\*\* **September 1, 2011 The TWU suggested to prioritize and assign this part. Devin Thompson said to wait on John Jovanovich to report.**

\*\* **September 15, 2011 Per Kenny Powell there is not enough history on the shop orders. From what we see on the shop orders from WIP the longest delay is from engineering. The shop orders that we have retrieved from WIP indicates the part is not in the shop for long periods of time before the part is worked.**

\*\* **September 29, 2011 No change.**

**\*\* October 13, 2011 John Jovanovich is working with tech crew chief John Krueger to work needed MDR changes. He would also like to involve the people in the shop on how the MDR and shop orders should read.**

**\*\* October 27, 2011 John Jovanovich will get with Tech Crew Chief John Krueger concerning FRSA052. John Krueger suggested while we are holding for TV's to continue the sending the part through the shops. He also suggested making a note on the NCR to continue the process while waiting on the TV. This would give direction to the crew chiefs involved in the process. John Jovanovich and Devin Thompson asked if the Union would talk to the crew, crew chief and supervisor concerning this. Kenny Powell, Miguel Soto and Harvey West will talk to the parties concerned.**

**\*\* November 10, 2011 The TWU talked with the crew, crew chief and outgoing supervisor as tasked. Devin Thompson requested that the TWU talk to TCC John Krueger to follow up on a couple of discs to make see if the discs are going through the shops as proposed.**

**\*\* December 8, 2011 John Jovanovich will get a copy of the shop order from Jim Jansen on how the shop order should look. He will then discuss this with MDR Planner Mike Pennington. John Jovanovich submitted an RO notification for DISX370 to the TWU RO committee. TWU responded to John Jovanovich we need to set up a meeting for full discussions on this part. John Stated the turn time is not conducive to a 65 day turn time. Kenny Powell directed Harvey West to send an email to Stan Foot concerning this part and to copy in RO committee and Rod Blake.**

**\*\* January 5, 2012 Harvey West sent manager Stan Foote an email concerning the RO notification of DISX370 requesting him to set up a meeting to fully discuss the meeting. When a meeting date is received Harvey West will coordinate to have necessary TWU members at the meeting and management will do the same for their participants.**

**\*\* January 19, 2012 Meeting set up with VP of TAESL Rod Blake and TWU 567 President Larry Pike to discuss DISX370.**

**\*\* February 16, 2012 We held discussions today on the possible outsourcing of 3 discs for test. Rod Blake was present. Kenny Powell and Harvey West will report to John Jovanovich no later than Tuesday, February 21, 2012 with the TWU's decision.**

**\*\* March 1, 2012 The TWU will post the email that was sent to those involved with RO discussions of DISX370 to the minutes. Management had nothing else to add at this time.**

**\*\* April 5, 2012 No change.**

**\*\* May 3, 2012 No meeting took place.**

## Outsource Notification for DISX370

West, Harvey

**Sent:** Monday, February 20, 2012 2:01 PM  
**To:** Blake, Rodney; Jovanovich, John  
**Cc:** Thompson, Devin; Perez jr, Jonas; lpika@twu567.org; kpowell@twu567.org; Soto, Miguel; West, Harvey; mlorenzi567@hotmail.com  
**Attachments:** DISX370 MDR.pdf (211 KB) ; NCR and Scrap Tag.pdf (69 KB) ; NCR VC25.pdf (47 KB) ; NCR UH2W and Scrap Tag.pdf (64 KB) ; RO Notification for DISX370.pdf (24 KB) ; TV 120051.pdf (91 KB) ; TAESL NCR DIRECTORY.pdf (28 KB)

Good afternoon,

As promised Kenny and myself have reviewed the request from management to RO 3ea. DISX370s to HAESL for 100% accomplishment. After careful analysis we have come to the conclusion it is not necessary to outsource this work.

Attached you will find a DISX370 MDR. I have provided John Jovanovich with all the repairs and service bulletins that are required to accomplish the repairs. We have the tooling, capacity and requisite skills to accomplish all the repairs except for the shot peen process. The shot peen repair, we understand must be outsourced because we do not have the tooling to accomplish. Although it is the opinion of the TWU if Rolls Royce and American Airlines would purchase the the shot peen equipment this work could be accomplished in-house thus terminating the need for outsourcing. With the volume of work that requires shot peen the purchase would be a good return on investment.

Attached is TV 120051. This is a repeat TV. The average turn time before this TV was over 40 days at Derby. Now 30 days at the minimum should be shaved off the turn time. The RO to HAESL is between 30 to 50 days for shot peen. Many times HAESL accomplishes more than the shot peen as represented by the grievances the TWU has recieved. If HAESL were only to focus on shot peen and no other work the turn time should reduce here also. The TWU has also recommended that another vendor closer to home be allowed to source demonstrate the shot peen process in order to reduce turn times.

Attached NCR's and scrap tags for S/O Cntrl No: UY8R, UH2W, and VC25. There is one more that was scrapped, I do not have the paperwork for this one. When we are able to scrap a disc here at TAESL instead of the vendor we save \$25,000 per disc. The repeat TV allows us to do this. No disc is currently waiting on engineering. The disc's have been repaired per the TV's and sent to RO. This TV not only saves time but money as well.

Attached is the TAESL NCR Directory. NCR 520816 indicates in Queue for 1 day. Check the actual NCR and you will notice the time is quiet different.

The TWU has also tried to get management to make this more of a priority. The crews are more than willing, which in return will also reduce the turn time. Currently DL32Z, DISX370 is finished (RFU) on the buildline where the buildline has not started building the engine yet.

<https://webmail.aa.com/owa/?ae=Item&t=IPM.Note&id=RgAAAADy1viPdExpTKT6%2by...> 3/2/2012

If further dialogue is needed we are more than ready to participate. Thanks for your time and consideration.

Regards,

**Harvey West**

TWU Local 567 Title 1 R.O. Committee Chairman

Office Number 817-224-0257

Office Number 817-224-1167

Fax Number 817-224-0260

4. ( Introduced July 21,2011 by John Jovanovich ) July 21, 2011 Request to look into RO'ing Trent fan blades "dirty". TWU will check with Terence Kennedy about in-sourcing thermal spray. TWU to get blade CPN's from John Krueger.

**\*\* August 4, 2011** John Krueger stated level 2 inspection we can accomplish. We need limits for the metco 58 coating. Nothing is in the manual. Metco 58 is on the shear key slot (.060 ). It has to be shot peened everytime metco is applied. FRSA8113 is for the shear key slot. John Jovanovich's concern is with the clean shop with the way of handling. It has a 100 hour repeat inspection. It is always RO'd except for level 2. TWU will discuss the ship dirty request.

**\*\* August 18, 2011** Only the 244 blades go to Chemtronics for the 100 hour inspection. The TWU discussed the ship dirty request by management. It is our opinion that shipping dirty is not a prudent decision at this time. There are 26 blades in a set. It takes approximately 15 minutes per blade to inspect. Inspecting a set can be accomplished in 8 hrs if everything is good. We are charged \$2000 per blade from the vendor for them to scrape the blade. If we scrape here there is not the \$2000 charge.

When we inspect we are able to mark and document what is wrong with the blade and only ship blades that require RO. Per Doug Housley. At this time Tulsa plans to RO 7 757's. Which places AA almost at their limit for RO. If the blades need to go out for RO then the Union needs the identical labor hours that we will lose by shipping the blades dirty to be brought in house. Not 6 months or years later but immediately.

**\*\* September 1, 2011** Terence Kennedy will review FRSA113 ( referenced above as FRSA8113, should not have the 8. ) Devin Thompson stated Rolls Royce will not look at a Source Demonstration. Kenny Powell said there are now ten 757's going out for RO.

**\*\* September 15, 2011** The TWU is not going to entertain the ship dirty request unless the Company brings in work to replace the work that will be lost. If it takes 100 hours, we want 100 hours of work brought before the goes out. We have 10 757's that are RO'd out and AA is close to their max for out sourcing.

**\*\* September 29, 2011** No change.

**\*\* October 13, 2011** John Jovanovich stated that 6 of 757's that were going to be RO'd the RO has been canceled. Kenny Powell stated that when the other 4 are done we will talk. Kenny Powell and Harvey West will talk Friday.

**\*\* October 27, 2011 TCC John Krueger stated there is no reason to do an IA. Rolls is looking at the whole issue of RO. John Jovanovich wants to ship dirty straight out the door. John Krueger would like to see inspection limits for Metco so we can accomplish a level 2. The Union asked what we were going to bring in-house to take the place of the shrouds. Until we get work to replace that work we are not in a position to discuss shipping dirty.**

**\*\* November 10, 2011 No change**

**\*\* December 8, 2011 No change**

**\*\* January 5, 2012 No change**

**\*\* January 19, 2012 No change**

**\*\* February 16, 2012 Devin Thompson stated there have been an increase in the blades and the problem has masked itself for right now. Will look at this again in April.**

**\*\* March 1, 2012 Devin Thompson will update in April.**

**\*\* April 5, 2012 No change.**

**\*\* May 3, 2012 No meeting took place.**

**5. ( Introduced July 21, 2011 by John Jovanovich ) July 21, 2011 FRS7774 OGV assembly. Weld for crack vane groove on the leading edge. Source demonstrated for argon arc welding. Have welders look at to see if we can accomplish a source demonstration.**

**\*\* August 4, 2011 No change**

**\*\* August 18, 2011 No change.**

**\*\* September 1, 2011 Welders Eric Heddins and Sean Ziba said they could accomplish if they had a stand and if the OGV will arrive in there shop disassembled as if it were going out for RO. Devin Thompson will ask John Jovanovich what we will need to go to task.**

**\*\* September 15, 2011 John Jovanovich will review**

**\*\* September 29, 2011 No change.**

**\*\* October 13, 2011 No change.**

**\*\* October 27, 2011 John Jovanovich said Rolls is not willing to work with us on a source demonstration. Devin Thompson asked Jonas Perez what is the correct way to apply for a source demonstration.. Devin Thompson and Jonas Perez will work together on the source demonstration and hopefully update committee at our next meeting.**

**\*\* November 10, 2011 No change**

**\*\* December 8, 2011 No change**

**\*\* January 5, 2012 No change**

**\*\* January 19, 2012 John Jovanovich talked to Jonas Perez concerning the source demonstration of FRS7774 OGV assembly. We are not going to get source approval for this according to John Jovanovich. Harvey West stated that the welders will be able to accomplish this repair if it is disassembled the same as if going out to the outside vendor. All in attendance agreed to remove this item from the agenda and place it in the long term list.**

**\*\* February 16, 2012 Jonas Perez will have more information concerning the source demonstration by hopefully by mid March. In the mean time we need to ensure that welders have everything that they need to accomplish the source demonstration. Check retention to see if they have a scrapped part to practice on.**

**\*\* March 1, 2012 Harvey West talked to the welders. They have what they need to accomplish. If they need anything else they will let me know.**

**\*\* April 5, 2012 No change.**

**\*\* May 3, 2012 No meeting took place.**

**6. August 18, 2011 NEW ITEM. Per John Jovanovich. Our C-Scan has gone down. We are working with Midas in getting them here as soon as possible to repair. This is for the NDT inspection for RB211 blades. May have to send out temporarily. No time line on when Midas may get here to repair. Devin Thompson to check on vendors. John Jovanovich will send an email to us as well as an RO notification form.**

**\*\* September 1, 2011 Devin Thompson stated Midas should be here on Tuesday. Midas asked for a PO (purchase order). Doug Housley suggested to Devin Thompson to contact Tom Rock in facilities to be here if needed.**

**\*\* September 15, 2011 Midas was here but did not fix the problem. They did not bring enough bits to repair. They will be returning but we have no time line. The problem may be electronics. Purchasing is pressuring Midas to accomplish what was paid for.**

**\*\* September 29, 2011 Devin Thompson elevated to Doug Cribbes for support. Purchasing putting pressure on Midas.**

**\*\* October 13, 2011 Devin Thompson stated Midas did not show up yesterday. Midas is not responding to emails. The Company will continue to push and file a customer complaint. Harvey West**

stated the vendor is accomplishing more than the C scan. You will probably receive grievances from the shop. Devin Thompson will look into the vendor accomplishing more than what was discussed.

**\*\* October 27, 2011** Devin Thompson stated purchasing is filing a complaint against Midas. Midas has no parts theyb are having boards custom made. Management was concerned with having to go through Tom Rock every time a vendor needs to come on the property because of the time. Harvey suggested that they keep Title 2 RO Chairman Mark Martin in the loop. Title 2 must know when a vendor is here.

**\*\* November 10, 2011** Purchasing's Anthony North has been calling Midas everyday concerning our C Scan machine. Midas has completed a new custom built board. Midas is expected to be here by November 15, 2011 for installation of the new board.

**\*\* December 8, 2011** John Jovanovich tasked Devin Thompson to validate that the C-scan is calibrated and running as should and send an email to RO committee. Once validated the RO committee has agreed to remove this item from the agenda.

**\*\* January 5, 2012** the C scan is down again. Transducer failure.

**\*\* January 19, 2012** The C scan is still down. Devin Thompson stated that TAESL and Midas are sending data back and forth and are working on the root cause in order to repair the C scan machine.

**\*\* February 16, 2012** Devin Thompson stated that supervisor Eric Bartoletti said that Midas returned. There are still some failures but C scan is currently operational. Devin Thompson will update at the next meeting.

**\*\* March 1, 2012** Devin Thompson will check with Eric Bartoletti if any parts were shipped out.

**\*\* April 5, 2012** No change

**\*\* May 3, 2012** No meeting took place.

**7. New item introduced by Harvey West on September 29, 2011.** This will be substituted for Remedies for RO. "Remedies for RO" was formally introduced to the RO committee May 8, 2008. MDR's and shop orders that need the RO line or lines removed. The TWU believes it is of great importance that the only persons that should be granted to have the authority to add an RO line to a shop order are crew chiefs, engineers and management and only so after notification of intent to RO has been received by the TWU RO committee. The only RO lines that need to be on an MDR and shop order are the specific FRS, S/B, TI or repair that the mechanics at AFW TAESL do not have the capabilities to accomplish at the present time such as shot peening. Once capabilities have been obtained, this work will return to AFW TAESL. The parts listed below have RO lines that need to be removed. RO for Inspection and Repair IAW OEM Manual and CU and TI's, be specific, why is the part RO'd? If there is

not a specific repair needed for the RO then there is no need to have the RO line on the MDR. When the need for an RO arises then a line may be added by the designated person or persons.

A) SUPX402, RB211 LPT stage 1 nozzle vane support. On the MDR line 0020, RPR Code 05 Test for Indications TSD-594J 70-00-00, O.P. 210 accomplished in-house. Line 0030, RPR Code 07 Replace Metal Spray FRS6520 accomplished in-house. Line 0040, RPR Code 08 RO for Inspection and Repair IAW OEM Manual and CU TI's, Remove this line. Line 0050, RPR Code 09 RO for Accomplishment of FRS7655, Remove this line we have the capabilities to accomplish and we have accomplished this FRS in the past.

B) DISX370, Trent Rotor – LP Compressor (01-210) Disc Assembly. On the MDR line 0010, RPR Code 55 Repair Titanium Group “A” Parts That Have Minor Damage FRS6625 accomplished in-house. Line 0020, RPR Code 03 Curvic Coupling Teeth Repair FRS3410 accomplished in-house. Line 0040, RPR Code 09 Apply Dry Film Lubricant FRSA016 and SP0049 accomplished in-house. Line 0050, RPR Code 07 Restore FRNT Flange Spigot Diameter by Metal Spray FRSA108 accomplished in-house. Line 0060, RPR Code 08 RO For Inspection and Repair IAW OEM Manual and CU TI's, Remove this line. Line 0070, RPR Code 10 Rapid Relube FRSA203 accomplished in-house. Line 0080, RPR Code 11 Standard Clean TSD 594-J 70-00-00 O.P. 136 accomplished in-house. Line 0090, RPR Code 13 Replace Shank Nuts FRS3034 accomplished in-house. Line 0100, RPR Code 14 Re-Apply Timing Mark FRSA021 accomplished in-house. Line 0110, RPR Code 15 RO for Inspection and Repair IAW OEM Manual and CU TI's also FRSA052 and FRSA016 accomplish FRSA016 in-house, remove inspection and repair IAW OEM manual and CU TI's, RO FRSA052 for shot peen only. Line 0120, RPR Code 16 RO for Accomplishment of S/B 72-G271, remove this line service bulletin refers back to FRSA052 for shot peen. Line 0130, RPR Code 17 RO for Accomplishment of S/B 72-D347 remove this line the service bulletin is for dry film, dry film accomplished in-house. Line 0140, RPR Code 18 Inspection of Markings TR0659 accomplished in-house. Line 0150, RPR Code 19 Inspection of Markings S/B 72-G396 accomplished in-house.

C) DISX359, Trent Rotor HP Turbine (01-350) Disc. On the MDR line 0020 , RPR Code03 RO for Inspection and Repair IAW OEM Manual and CU TI's remove this line. Line 0030, RPR Code 05 RO for accomplishment of S/B 72-C816 remove this line. Line 0040, RPR Code 04 Accomplish S/B 72-C816 BOW accomplished in-house. The MDR is giving the mechanic a choice to RO this part for S/B 72-C816.

D) SHAX681, RB211 Rear H.P.C. Stage 4 ,5, 6 (01-370) Shaft. On the MDR line 0010, RPR Code 32 Etch and Measure Seal Fin Cracks 72-41-31 Inspection/Check-05 accomplished in-house. Line 0020, RPR Code 21 Inspection of Retaining Plate Groove RB0658 accomplished in-house. Line 0030, RPR Code 02 Remove Fretage From Stage 4-6 Lockplate Grooves FRS6625 accomplished in-house. Line 0040, RPR Code 03 Restore Rear Inner Snap DIA. “6P” FRS5093 accomplish in-house. Line 0050, RPR Code 04 Restore DIA. “E9” FRS5112 accomplished in-house. Line 0060, RPR Code 41 Restore DIA. “E9” FRS5112 RB0352 accomplished in-house. Line 0070, RPR Code 05 Air Seals – Repair by Dressing FRS3462 accomplished in-house. Line 0080, RPR Code 10 Repair Dovetail Corner Damage by Dressing FRS5823

accomplished in-house. Line 0100, RPR Code 11 Apply Dry Film FRS1109 SP0049 accomplished in-house. Line 0110, RPR Code 12 RO for Inspection and Repair IAW OEM Manual and CU TI's remove this line and add RO for Shot Peen Only. Line 0120, RPR Code 06 Accomplishment of Special Procedures 06 accomplished in-house. Line 0130, RPR Code 07 Recording P/N Identification CU0077 US AIR ONLY accomplished in-house.

E) SHAX781, Trent Assy Drive HPT (01-400) Shaft. On the MDR line 0020, RPR Code 03 R.O. for Inspection and Repair IAW OEM Manual and CU TI's Please provide the final dimension for location diameter 41-5002 in the 8130 serviceability tag. Remove this line. Work was to be brought back in-house but AA gave our Gap Grinder to Tulsa. Gap Grinder needs replaced .Line 0030, RPR 32Code Test for Crack Indications TSD 595-J, 70-00-00, O.P. 201 accomplished in-house. Line 0040, RPR Code 50 Repair Minor Damage FRS3253 accomplished in-house. Line 050, RPR Code 01 Replace the Oil Distributor FRSD119 accomplished in-house.

\*\* September 29, 2011 Harvey West went over MDR's from A through E. He explained to Devin Thompson and Scott Butler the importance removing the RO line from the MDR's that give the mechanic the opportunity to select a line that is not necessary to the accomplishment of the part and if a RO line is necessary the only people that should have the capabilities to add a RO line should be crew chief, engineers and management only after notifying the TWU RO committee for discussion. Management was also informed that the RO line should be more specific for example RO for shot peen only. Pointed the line on the MDR " RO for IAW OEM Manual and CU TI's" this line is a 100% RO line if this is selected no split process can take place, and some of the lines on the MDR are confusing for the mechanic. Devin Thompson took the MDR's and repair selections with him for review and understands what we are attempting to accomplish with this item.

(f) (Submitted by Harvey West October 13, 2011) SHRX371, Inner, IPC Stage 1 (02-575) shroud. This part should have no RO lines at all. All repairs are accomplished in-house. On the MDR line 0010, RPR Code 01 Renew Attrition Linings FRS5090 and RB0804 accomplished in-house. Line 0020, RPR Code 03 Local Touch UP Repair for Minor Damage RB0945 accomplished in-house. Line 0030, RPR Code 04 R.O. for Inspection and Repair IAW OEM Manual and CU TI's remove this line. If selected the part is sent out for 100% RO. Line 0040, RPR Code 05 Repair Surfaces Affected By Minor Damage FRS3253 accomplished in-house. Line 0060, RPR Code 07 Inspection Check RB094 accomplished in-house. Line 0070, RPR Code 08 Local Repair of Black Rubber RB0894 accomplished in-house. Line 0080, RPR Code 09 Renew Attrition Linings FRS5090 accomplished in-house. Line 0090, RPR Code 10 Clean By Plastic Blasting RB0066 accomplished in-house. Line 0100, RPR Code 11 Revised Inspection Criteria RB0685 accomplished in-house. Line 0110, RPR Code 12 Inspection Check RB0931 accomplished in-house. Line 0120, RPR Code 13 Renew Rubber Fillers FRS5091 Preformed Only accomplished in-house. Line 0130, RPR Code 14 RO for Accomplishment of FRS5091 Only. Remove this line.

(g) (Submitted by Harvey West October 13, 2011) SHRX372, Inner IPC Stage 2 (02-620) Shroud. All work to this part is accomplished in-house. Remove all the RO lines. You are able to select for 100% RO. You are able to select for FRS 5091 for in-house repair or RO for FRS5091. You are able to select

in-house repair for S/B 72-B221 or select RO for S/B 72-B221. All repairs are accomplished in-house there is no need for an RO line.

**\*\* October 13, 2011 Harvey West explained the need to get rid of the RO lines on the MDR and shop orders. Also, the need for the MDR's and shop order to only reflect specifically what the intended RO is for. He also presented Management with the MDR, FRS's, TI's and service bulletins for SHR371 and 372 and stated to management that all work for these 2 shrouds can be accomplished in-house and there is no need for an RO line to be on the MDR and shop order.**

**(h) (Submitted by Harvey West December 8, 2011) SUPX408, Outer ENG Mount, Front (01-400) Support Assy. All work to this part is accomplished in-house except for shot peen bores of the support bracket. The only RO line on the MDR and shop order for this part should read "RO for Shot Peen Only". On the MDR line 0010, RPR Code 01 Renew Support Bracket Bushings FRS4677 accomplished in-house. This FRS repair also covers shot peen for the bores of the support bracket (Subtask 71-21-01-380-012). Line 0020, RPR Code 02 Renew Mounting Bushings In Front Mount Outer Support FRS4625 accomplished in-house. This FRS repair also covers shot peen for the bores of the support bracket (Subtask 71-21-01-380-011). Line 0030, RPR Code 03 RO for shot peen, C/W 71-21-01, and applicable CU-TI's. Have this line read "RO for shot peen only 71-21-01". Line 0060, RPR Code 06 Install O/S Bushings FRS4677 accomplished in-house. Line 0070, RPR Code 07 Remove Fretage, Nicks, Scores and Impact Damage By Hand Dressing FRS7018 accomplished in-house. Line 0080, RPR Code 17 Remove Fretage, Nicks, Scores and Impact Damage By Hand Dressing RB1409 accomplished in-house. Line 0090, RPR Code 09 Standard Clean TSD 594-J, 70-00-00, O.P. 136-003 accomplished in-house. Line 0100, RPR Code 08 Recording P/N Identification CU0077 US Air Only accomplished in-house.**

**(i) ( Submitted by Harvey West December 8, 2011) SUPX447 HP/IP Turbine Bearing (02-200) Support. All work on this part can be accomplished in-house. It is currently RO'd for 100%. Attached to the packet presented to management are the shop order's currently in WIP indicating RO. All RO lines need to be removed from the MDR and the shop orders. Line 0010, RPR Code 01 Test For Crack Indication INSP/CHECK-1 accomplished in-house. Line 0020, RPR Code 02 Application of High Heat Resisting Enamel FRS1547 accomplished in-house. Line 0030, RPR Code 03 Accomplish Clean And Leak Check SB 72-AE005 Select If Part Does Not Go RO accomplished in-house. Line 0040, RPR Code 04 Restore Oversize Dowel Pin Hole With Bush FRS7818 accomplished in-house. Line 0060, RPR Code 07 RO For Inspection and Repair IAW OEM & Applicable CU-TI'S. REMOVE THIS LINE. Specify "Why" the part is RO'd. Line 0070, RPR Code 08 R.O. To Accomplish S/B 72-C280 BOW. Remove this line S/B can be accomplished in-house. Line 0080, RPR Code 09 R.O. To Accomplish S/B 72-C513 BOW. Remove this line S/B can be accomplished in-house. Line 0090, RPR Code 10 Ownership Mark requirements RB0535 accomplished in-house. Line 0100, RPR Code 25 R.O. To Accomplish S/B 72-C422 BOW. Remove this line S/B can be accomplished in-house.**

**\*\* October 27, 2011 Devin stated all the information that was presented to him is with MDR planners. They are researching RO lines.**

**\*\* November 10, 2011 No change**

**\*\* December 8, 2011 The TWU RO committee presented management a packet for items (h) and (i) that included MDR's, shop order's, repairs, TI's and service bulletins for their review to remove RO lines that are not necessary. There is no change to the other items on the list.**

**\*\* January 5, 2012 Devin Thompson is awaiting an update from MDR Planner Mike Pennington.**

**\*\* January 19, 2012 No change**

**\*\* February 16, 2012 No change**

**\*\* March 1, 2012 No change**

**\*\* April 5, 2012 No change.**

**\*\* May 3, 2012 No meeting took place**

#### LONG TERM LIST:

1. DISX306. November 2010 the TWU attended a meeting that included Doug Cribbes, Rod Blake, Randy Thomas, Stan Foote, and John Jovanovich. The TWU members were Matt Lorenzi, Kenny Powell, Doug Housley, Danny Gonzales, Todd Stewart, Miguel Soto and Harvey West. During this meeting management committed to replacing the work that was lost due to the Dracula Inspection that was RO'd 100%. Management also committed that no TWU personnel would be surplus or rified due to this RO. At this time there has been no discussion to my knowledge (Harvey West , Title 1 RO Chairman) as to the anticipated labor hours involved due to all the shops that lost work due to the Dracula Inspection, which shops we receive the work that will replace Disx306, have the MDR planner begin to the shop orders ready, and if and when the service bulletin that drove the RO of Disx306 expires that this work will be automatically returned to Taesl for the TWU workforce to return to work on the Disx306.

**\*\* April 28, 2011 Kenny Powell has 2 items concerning this. 1) Statement by Rod Blake he had a half dozen items or so to bring in-house, have these items been identified, will these items be in-house within the next 3 to 6 months, do these items cover the 20 to 24 labor hours per engine, and what shops in question will these items go into? 2) When is Windsor going to be up and running for the**

Dracula Inspection? Once it is up and running the TWU fully expects to go back to the split process where we do all the work on the disc except for the Dracula Inspection and the shot peening.

**\*\* May 12, 2011** Kenny Powell's items of concern: No feed back on item # 1. Item # 2, the anticipated date for Windsor is June or July, 2011. Not sure if this means for source approval or ready to go. The TWU fully expects this to become a split process once again with Windsor accomplishing the Dracula Inspection and the shot peening and the mechanics at Taesl accomplishing all remaining repairs.

**\*\* May 26, 2011** John Jovanovich will check with Jonas Perez for start date of Dracula Inspection at Windsor in Connecticut.

**\*\* June 9, 2011** No start date as of yet.

**\*\* June 23, 2011** No new information as of yet.

**\*\* July 7, 2011 No Change.**

**\*\* July 21, 2011** John Jovanovich stated that Windsor is not set up for this yet.

**\*\* August 4, 2011** Management was told Windsor is getting close. They have the Dracula equipment it needs installed and they need training from Derby.

**\*\* August 18, 2011** No change.

**\*\* September 1, 2011** Devin Thompson stated Windsor has the Dracula equipment now, not sure when it will be up and running. All in attendance agree to place this item at the bottom of the agenda and keep a constant check on this.

**\*\* September 15, 2011** Per John Jovanovich, purchasing paid Barnes is ready. When have all the T's crossed and i's dotted we will send 1 or 2 disx's for sample. The TWU stated we fully expect the split process to return once Barnes/Windsor in Connecticut is set up as the vendor. That is the only repair that is expected will be the Dracula Inspection and the shot peen repair. All other repairs to be accomplished at AFW Taesl.

**\*\* October 27, 2011** The Union is awaiting split process. TWU will check with stores to see where the disc is being sent.

**\*\* November 10, 2011** There was nothing for the TWU to check.

**\*\* December 8, 2011** John Jovanovich confirmed part is now at Windsor in Connecticut. TWU stated we now need to go back to the split process. John Jovanovich will check with purchasing.

**\*\* January 5, 2012** John Jovanovich will check to see if there have been any DISX306 accomplished successfully at Windsor. Kenny Powell reiterated that when this part was originally discussed it was the TWU's opinion that when this part is sent to Windsor we would go back to the split process.

**\*\* January 19, 2012 John Jovanovich stated that the discs have been accomplished successfully. Harvey West stated that now since the discs have been successful at Windsor the TWU wants to know when we will return to the split process and bring TWU work back in-house. John Jovanovich stated that he is not sure if that would be a good business practice. He stated purchasing said that Windsor can accomplish a 26 day door to door full overhaul. Harvey west stated the TWU has indicated from the very beginning that when Rolls Royce tooled up Windsor in Connecticut for the Dracula Inspection we would return to the split process. We have the requisite skills, man-power and tooling to accomplish all work except for the Dracula Inspection and shot peen. It is our work.**

**\*\* February 16, 2012 John Jovanovich stated that Windsor is accomplishing door to door in 26 days.**

**\*\* March 1, 2012 John Jovanovich said purchasing stated Windsor is turning in 21 days and we are getting a door to door turn in 26 day turn. He suggested removing this item from the agenda. Harvey West wants to review the shop orders before making a decision.**

**\*\* April 5, 2012 Reviewed, shop order W9B0 has been out for RO for 38 days and has not returned as of 4-5-12. Shop order SY7V 21 days RO. Multiple DISX306's have scrapped because of time. Others are still out for RO but have not reached the 21 day mark and have not returned to TAESL.**

**\*\* May 3, 2012 No meeting took place.**

**2. 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, 2009 Dialogue started**

**\*\* Oct 22, 2009 On hold for Mark Martin's research on wet blast machine parts.**

**\*\* Nov 5, 2009 Mark Martin will give an update next week on wet blast machine.**

**\*\* Nov 19, 2009 Mark Martin presented update for wet blast machine.**

**\*\* Dec 17, 2009 Refer to Wet Blast.**

**\*\* January 7, 2010 Refer to Wet Blast.**

**\*\*Jan 21, 2010 Refer to Wet Blast.**

**\*\* February 11, 2010 Refer to item #9 wet blast machine**

**\*\* February 18, 2010 No discussion**

**\*\* March 4, 2010 No change**

- \*\* March 18, 2010 Refer to item # 1
- \*\* March 25, 2010 Refer to item # 1
- \*\* April 1, 2010 Refer to item # 9
- \*\* April 15, 2010 Refer to item # 9
- \*\* April 29, 2010 Refer to item # 9
- \*\* May 13, 2010 Refer to item # 9
- \*\* May 13, 2010 No discussion. Ran out of time
- \*\* June 10, 2010 Refer to item # 1.
- \*\* June 24, 2010 Refer to item #9
- \*\* July 8, 2010 Refer to item # 9
- \*\* July 22, 2010 Refer to item # 8
- \*\* August 5, 2010 Refer to item # 1
- \*\* August 19, 2010 Refer to Item # 7
- \*\* September 2, 2010 Refer to item #6
- \*\* September 16, 2010 Refer to item # 6
- \*\* September 30, 2010 John Jovanovich will review grievances. He will report in 30 days or less.
- \*\* October 14, 2010 John Jovanovich is currently reviewing documented items with Human Resources (H/R).
- \*\* October 28, 2010 Refer to item #1
- \*\* November 11, 2010 John Jovanovich expects a follow-up meeting with Kenny Powell and H/R.
- \*\* January 6, 2011 Refer to item # 1.
- \*\* January 20, 2011 Settled grievances in Docket Review Meeting. We are at a stand-still on installation of the wet blast machine. TWU still insists that we had an agreement to install wet blast machine months ago. Rod Blake stated we need to involve BDG for ROI and the split process needs discussed.
- \*\* February 3, 2011 The BDG committee will get involved with the wet blast machine. Management would like to pursue a new machine. The Union would like that too but do not want to wait 2 to

however many years it would take when we could invest less than \$5000 now and could utilize while we are waiting for the new machine.

\*\* February 17, 2011 Industrial engineer Karla Dingman is working on specifications for a new wet blast machine. TWU still recommends that the old machine needs to be repaired, installed and utilized until the new machine is purchased and up and running. Doug Housley will meet with Norm Miller concerning wet blast machine.

\*\* March 3, 2011 No change. Doug Housley was not here to report. No report from Karla Dingman.

\*\* March 17, 2011 Doug Housley has discussed this briefly with Norm Miller. No update from Karla Dingman. Her priorities are now the tanks in the clean shop.

\*\* March 31, 2011 Doug Housley will check to see if Norm Miller is interested in pursuing wet blast work. If he is will he be interested in the old wet blast machine. The TWU still feels strongly that the old wet blast machine should be repaired and placed in the blast shop as originally agreed upon by the union and management close to a year ago. We could use the old wet blast machine until the new wet blast is in place. John Jovanovich suggests that we take item # 6 off the agenda and this item given to the BDG committee to submit an ROI for the new machine. Harvey West stated the BDG could not get the access to the information they needed from Taesl to make a bid on the Teflon Sleeve repair. We were asked by Taesl to help bring this in-house and then were denied the access we needed to make a proper bid.

\*\* April 14, 2011 Doug Housley stated that he will follow up with Norm Miller with the wet blast machine.

\*\* April 28, 2011 Contact Wet Technologies. Coordinate through Ronya Smay.

\*\* Harvey West talked to Ronya Smay concerning Wet Technologies coming here. Devin Thompson stated Ronya had contacted Wet Technologies. Devin will forward emails from Ronya to Harvey West.

\*\* May 26, 2011 Sent Fred Greis of Wet Technologies an email to visit in June. Copied Ronya Smay, Kenny Powell and Mark Martin in on email. Devin Thompson would like Ronya Smay to determine date with wet technologies.

\*\* June 9, 2011 No Report. Devin Thompson is in Canada. Ronya Smay is currently working to complete the Clean Project.

\*\* June 23, 2011 No change. Devin Thompson asked committee to give Ronya Smay until September to set up meeting because of her work load.

**\*\* July 7, 2011 Devin Thompson stated that we are on track to reconvene in Sept. 2011.**

**\*\* July 21, 2011 No change.**

**\*\* August 4, 2011 John Krueger stated we have TISP049 for dry blast, already accomplishing other parts with this TI that had required wet blast. Devin Thompson stated we need to go back to engineering to check if there is an agreement with Rolls Royce. Harvey West will check with facilities about a dry blast machine that has a cabinet large enough to accomplish parts for 500 grit.**

**\*\* August 18, 2011 Devin Thompson does not have a clear understanding from James Braswell on the agreement. Harvey West checked with Mark Martin in Facilities and we do not have a cabinet available.**

**\*\* September 1, 2011 Devin Thompson will check with Ronya Smay on when she is going to get back in touch with Wet Technologies concerning the new wet blast machine.**

**\*\* September 15, 2011 Doug Housley stated we are going to take this item off line and have Todd Stewart work this issue as BDG. Devin Thompson stated Ronya Smay will have the vendor at Taesl by the end of October, 2011. The goal is to have the wet blast machine implemented by the first half of 2012. Harvey West stated he will place this at the bottom of the agenda under "Long Term" as well as placed in BDG.**

**\*\* October 27, 2011 It is still on Devin Thompson's project list. TWU asked if it was slated in the Company's budget. Devin Thompson has not seen that it was denied. John Krueger stated it was a burden to have these parts sent out for wet blast. We have a TI for dry blast. Jonas Perez agreed to look at this again.**

**\*\* November 10, 2011 Ronya Smay called and the man never called her back. Devin Thompson will Ronya email Harvey West.**

**\*\*Correction to November 10, 2011 minutes ( correction noted at January 5, 2012 RO meeting) should read: Ronya Smay called the man (Fred Greis of Wet Technologies) he never called her back. Devin Thompson will have Ronya Smay email Harvey West concerning Wet Technologies.**

**\*\* January 5, 2012 Ronya Smay contacted Fred Greis of Wet Technologies. Anticipated date for Wet Technologies to come to TAESL for review of a wet blast machine is February 2012.**

**\*\* February 16, 2012 Devin Thompson will check with Ronya Smay on where we are at with the wet blast machine.**

**\*\* March 1, 2012 Devin Thompson stated Ronya Smay is still trying to schedule. Ronya is waiting to hear from Wet Technologies.**

**\*\* April 5, 2012 Who is replacing Ronya Smay?**

**\*\* May 3, 2012 No meeting took place.**

\*\* March 31, 2011 REMINDER: We still need to consider another look at an Automated Shot Peen Machine. We have enough parts going out for shot peen that would justify the purchase. Not all parts going out for shot peen require a source demonstration. The ones that do require a source demonstration we need to reduce the red tape and accomplish the source demonstration so that all shot peen work is accomplished in-house. \*\*

\*\*\* Our next RO meeting will be June 7, 2012 at 1330 ( 1:30 pm ) in the conference room next to Rod Blake's office. \*\*\*

Persons in attendance for this RO meeting on May 3, 2012:

Harvey West            RO Base Chairman/Business Development Group

