Managerial and Accounting Information Systems Integration Case
Rabih Zeidan
Texas A&M University - Corpus Christi

Rabih.Zeidan@tamucc.edu
From Here To There
**DIM. TO BE INSPECTED AND DOCUMENTED**

**PART**
- R341H02-1  730031-1  .650/.6500  3.248/.3249  STANDARD
- R341H02-2  730031-2  .6530/.6525  3.243/.3244  0.05 UNLKR
- R341H02-3  730031-3  .6555/.6550  3.238/.3239  0.10 UNLKR
- R341H02-4  730031-4  .6580/.6575  3.233/.3234  0.15 UNLKR
- R341H02-5  730031-5  .6605/.6600  3.228/.3229  0.20 UNLKR

**HOUSING DIAMETER**: 4.517/4.518

**SC9559512A**
**A321940-6**
**REV. F 12/19**
**FABR55512C**

**JOURNAL PADS**
- R341H02

**CONNECTION**
- 1  HOLE  5/16 IN. DIA.
- DUE TO TYPICAL CLEARANCE

**LOCATION**
- 1  HOLE  5/16 IN. DIA.
- DUE TO TYPICAL CLEARANCE

**REFERENCES**
- 1  HOLE  5/16 IN. DIA.
- DUE TO TYPICAL CLEARANCE

**DRAWN BY**: [Signature]
**CHECKED BY**: [Signature]
**APPROVED BY**: [Signature]
Routing Task Id: 1118
Project Number: 12272
Sales Order - Line Item: 89365-01
Customer: Wood Group Light Industrial
Description: #2 BRG THRUST PAD SEG, NO THERE
SUPP PART# 730030-2
Router Description: Manufacture Copper Thrust Pads

Issued By: Quantity: 2

<table>
<thead>
<tr>
<th>Process</th>
<th>Time Allowed (hr)</th>
<th>Employee Initial/ Time Charged</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAW 1118/12</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RFB 1118/21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ROUGH MILL 1118/39</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Vendor 1118/66</td>
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</tbody>
</table>

Note: All work must be inspected by any machinist.
From There To Here
# Bill of Materials

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>SUB-PART NO.</th>
<th>QTY USED</th>
<th>MATERIALS USED</th>
<th>Other Info.</th>
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</thead>
<tbody>
<tr>
<td>G09901TX01- Radial Bearing</td>
<td></td>
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<tr>
<td>G09901TX02</td>
<td>1</td>
<td>Part is a stock item purchased from suppliers</td>
<td>See Purchase Orders</td>
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<tr>
<td>G09901TX03</td>
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<td>Part is a stock item purchased from suppliers</td>
<td>See Purchase Orders</td>
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<tr>
<td>T01801TX01- Thrust Bearing</td>
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<tr>
<td>T01801TX02</td>
<td>1</td>
<td>12” ALUM I/O:0.05/.10</td>
<td>4 Screws #A</td>
<td>See Purchase Orders</td>
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<tr>
<td>T01801TX03</td>
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<td>4” ALUM I/O:0.05/.10</td>
<td>2 Screws #B</td>
<td>See Purchase Orders</td>
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<tr>
<td>T01801TX04</td>
<td>1</td>
<td>4” Steel I/O:0.05/0.10</td>
<td>2 Screws #B</td>
<td>See Purchase Orders</td>
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<tr>
<td>T01801TX05</td>
<td>1</td>
<td>4” Steel I/O:0.05/0.10</td>
<td>2 Screws #B</td>
<td>See Purchase Orders</td>
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<tr>
<td>PART #</td>
<td>PART_DESCRIPTION</td>
<td>ITEM_CLASS</td>
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<tr>
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<tr>
<td>R03414TX-00</td>
<td>RADIAL BEARING</td>
<td>ASSEMBLY</td>
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<tr>
<td>R03414TX-01</td>
<td>RAD_BEARING PAD 01</td>
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<td>RAD_BEARING PAD 02</td>
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<td>RAD_BEARING PAD 04</td>
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<td>RAD_BEARING PAD 05</td>
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<tr>
<td>ALUM-I/O-00.50-03.00</td>
<td>ALUMINIM I=0.2, O=3.0</td>
<td>RAW MATERIAL</td>
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</tbody>
</table>
Manufacturing Cycle

Materials Requisition Activity

• Materials Costs
Other Manufacturing Activities:

• Cut raw materials

• Inspection (final activity)*

*Finished product (assembled in system too)
Payroll Cycle

• Time-Keeping Activities

➢ Labor Costs
Overhead Costs (OH)

UH (Undercover) Costs

• Capturing (OH):
  ➢ Approaches Available
  ➢ Approaches [N]Available
Overhead Costs (OH)

UH (Undercover) Costs

• Capturing (OH):
  ➢ Company Wide Level
  ➢ Job Detail Level
Sequential Coding

• Chart of accounts
  ➢ Cost Types
  ➢ Raw Materials
  ➢ WIP Codes
  ➢ Finished Goods Codes
Sequential Coding

• Sales Order #s
• Job #s
• Inventory Items #s
• Part #s
• Sub-Parts #s