



OMB No. 2010-0032
Expiration Date 01/31/2010

2007 Performance Track Annual Performance Report

Rockwell Collins, Inc. - C Avenue Operations A070026

**Year 2 Annual Performance Report
Member Since 2003 (2nd Member Term)**

SECTION A: GENERAL FACILITY INFORMATION**A.1 Name of your facility:**

Rockwell Collins, Inc. - C Avenue Operations

A.2 Name of your parent company:

Rockwell Collins, Inc.

A.3 Facility contact person for the Performance Track program:

Name: Mr. Chris Sabers
Title: Sr ESH Engineer
Phone: 319-295-5141
Fax: 319-295-6775
Email: cjsabers@rockwellcollins.com

A.4 Facility location:**Facility Address**

Street Address: 400 Collins Road NE
Address Cont: MS 105-233
City: Cedar Rapids
State: IA
Zip Code: 52498

If your facility has multiple street addresses, please list any other addresses for its sites or buildings.

A.5 Facility's website address (if any):

<http://www.rockwellcollins.com>

A.6 Number of employees (full-time equivalents) who currently work in the facility:

More than 1,000

A.7

For the purposes of where your facility would be listed in our Member Directory, please list the North American Industrial Classification System (NAICS) Code(s) that is (are) used to classify business at the facility:

Primary	Secondary	Tertiary	Quaternary	Quinary
334511	334220			

A.8.a List the activities, products, or services that take place at your facility:

Product of navigation/communication equipment for commercial and government air transportation. All aspects of the product are covered under facility.

A.8.b Provide the size and general description of your site:

C-avenue is the headquarters for Rockwell Collins and covers over 2,000,000 square feet in 30 separate buildings around the Cedar Rapids Collins Road district on the North Eastern part of the city. The C-Avenue facility covers approximately 200 acres and is located in a commercial district near mostly retail businesses.

A.9 Have the environmental requirements applicable to your facility changed during this reporting period?

No

SECTION B: ENVIRONMENTAL MANAGEMENT SYSTEM

B.1.a Is your facility certified to ISO 14001?

Yes

B.2 Performance Track members must have their EMS assessed by an independent party at least once every three years. Please indicate the details of the most recent independent assessment conducted at your facility. If your most recent independent assessment did not cover all EMS elements and business areas, please use the "Add Assessment" button to indicate the additional partial assessments.

Independent EMS Assessment #1

When was this EMS assessment? 2007

What protocol was used?
Specify:

Who conducted the audit?
Name:
Title:
Organization:

Which EMS elements were included in the audit?

Did the assessment cover the entire facility or part of the facility?

Which business areas were included in

the audit?

- B.3 EPA recommends that Performance Track members conduct an internal EMS assessment (partial or complete) every year. Did you conduct one in calendar year 2007?**

Yes

Internal EMS Assessment #1

When was this EMS assessment? January 2007

Which EMS elements were included in the audit? Planning, Implementation, Management

Did the assessment cover the entire facility or part of the facility? Entire Facility

- B.4 EPA recommends that Performance Track members conduct a regulatory compliance audit every year. Did your facility conduct any audits in calendar year 2007 to verify compliance with regulatory statutes?**

No

If not, when is the next audit scheduled?

July 2008

- B.5 Note: Facility will be asked to report other audits and inspections in their 3rd reporting year.**

- B.6.a Has your facility corrected all instances of potential non-compliance and EMS non-conformance identified during your audits and other assessments?**

Yes

- B.6.b Performance Track members should have a Senior Management Review of their EMS every year. Did this review take place in calendar year 2007?**

Yes

Who was the senior manager present at the review?

Name: Mr. Various

Title: Directors/Leaders of Operational Units

- B.6.c Performance Track members should conduct a systematic identification and/or review of their environmental aspects at least once every two years. When was your last one conducted?**

June 2007

SECTION C: ENVIRONMENTAL PERFORMANCE RESULTS

Goal 1: Rockwell Collins, Inc. - C Avenue Operations's first goal is to reduce the facility's total water use.

C.1.a Briefly describe your activities and achievements related to this goal or, if relevant, any circumstances that delayed progress this year.

In 2007 we have converted two scrubbers (one in building 119 and other in 105) to water recirculation system. The design of the system needed modification during the installation of first recalculating system and as a result project implementation got delayed. We are on schedule for completing other 6 scrubbers by 2008. Additional water conservation projects such as deionized (DI) water reduction in Collins Printed Circuits (CPC), water conservation in Fabrication area are being pursued under the ISO 14001 program.

Currently we are pursuing a major capital project to separate our process waste water from sanitary waste and we recently got our waste water permit revised with new mass limits for metals for the first time. This will help us identify additional process waste water conservation opportunities which will lead to further facility wide water usage reduction. We are already meeting our goal and confident will be able to show further reduction at the end of 2008.

Activities Conducted During 2006:

One of the main drivers toward achieving this goal is to implement a scrubber water recirculation project. This project was delayed due to funding availability. Funding has now been approved, and implementation is expected in 2007. Additional water usage reduction projects (such as water usage in plating operations in Fabrication area, DI water usage reduction in Collins Printed Circuits, and a switch to reverse osmosis in the DI generation area) are being pursued under the ISO 14000 program to support initiatives to reduce water usage throughout the facility. The minor increase in normalized water usage is considered negligible, and with implementation of projects discussed previously, we are confident that we will be able to meet our targeted reduction.

C.1.b Describe the data collection process and data source(s) that you used to measure progress towards this goal.

Collected all water billing statements from municipal services provided.

C.1.c Please report your facility's actual performance.

Performance Data						
Calendar Year	Baseline	Year 1	Year 2	Year 3	Perform. Goal	Units
	2005	2006	2007	2008		
Actual Quantity (per year)	148,391,065	164,273,704	154,021,743		n/a	Gallons

C.1.d Normalized progress toward goal.

Normalized Total	Baseline	Year 1	Year 2	Year 3	Perform. Goal	Units
Normalizing Factor	1.0	1.1	1.25			
Normalized Quantity	148,391,065	149,339,730.91	123,217,394.40		143,939,333	Gallons
Basis for your Normalizing Factor:	Normalized to the number of employees.					

Goal 2: Rockwell Collins, Inc. - C Avenue Operations's second goal is to reduce the facility's total (non-transportation) energy use.

C.2.a Briefly describe your activities and achievements related to this goal or, if relevant, any

circumstances that delayed progress this year.

In 2007, we continued with the practice of 'green facilities' (motion sensors, efficient lighting fixtures, raising general awareness, all PCs on auto power saving mode, energy efficient equipment when replacing existing air handlers, chillers and other major equipment) in modification or new construction of within existing facilities and leased buildings. However, we see a significant increase in normalized energy usage in 2007 and it is uncertain at this point whether we will be able to meet the goal at the end of 2008. One of the reasons for this increase is attributed to unusually hot summer in 2007 and colder than normal December last year. In 2007 average temperatures for summer were warmer by 5.6 degrees and winter was colder by 3.2 degrees as compared to 2006.

In 2007, occupancy of the LEED (Leadership in Energy and Environmental Design) building was established and 2000 MWH of energy from an off-grid source was allocated to the building. Previously, this power had not been utilized.

Unfortunately, the amount of "Green Tags" (investments in green energy to offset CO2) reduced from the year 2006 to 2007. This decrease is the result of increased cost of "Green Tags." Rockwell did not budget for the increase in cost and maintained the same amount of funding in 2007 for the program. Thus, RC invested less in green energy to offset C02 emissions.

In 2008 (similar to 2006) construction will be completed for another LEED certified facility (approximately 130,000 square feet) and we will be adding another 100,000 square feet leased building which will have a positive contribution towards this goal.

Activities Conducted During 2006:

In 2006, Rockwell Collins completed construction of a new 120,000 square ft (approximately 5% of total square footage at C Avenue campus) engineering office/lab building. The construction timeline was 7.5 months, with only 4 months from setting steel to setting workstations. The pre-engineered building was designed to be certified under LEED (Leadership in Energy and Environmental Design) version 2.2. Certification is currently being pursued. Green features of the new building include: 68% recycled content in building materials, daylight harvesting and occupancy scheduling, heat harvesting for exterior window conditioning, 32% water reduction with dual flush toilets & waterless urinals, outdoor air delivery monitoring & CO2 indoor air quality sensors, low VOC adhesives, sealants, paint, coatings & carpet used, 99.1% of waste recycled during construction, and at least 35% of green space left for placement of 100 trees & shrubs (many native to Iowa).

The normalized total energy usage for 2006 shows a dramatic improvement over 2005. RC intends to continue to improve on the facility's energy usage through continued awareness training for our employees and continued pursual of green design features in current facilities and any new facilities we lease or build.

C.2.b Describe the data collection process and data source(s) that you used to measure progress towards this goal.

Logged total energy and natural gas usage from billing from utilities companies.

C.2.c Please report your facility's actual performance.

Energy Generated Off-Site					
	Baseline	Year 1	Year 2	Year 3	
Calendar Year	2005	2006	2007	2008	Units
Electricity Purchased					
Electricity from Grid/Utility	85,567,185	89,007,490	91,220,971		Kwh
Electricity from Off-Grid Renewable Sources			2,000		Mwh
Total Electricity Purchased	291,955.24	303,693.56	318,069.95		MMBtus
<p>If your facility purchases electricity from the grid, please confirm that the electricity geographic region shown below is correct. If incorrect, please contact the Performance Track Information Center.</p>					

		MRO West		
Steam				
<i>EPA will be determining the greenhouse gases associated with the generation of the steam that you purchase. We will be contacting you for additional information regarding the source of the steam generated.</i>				
Total Energy Generated Off-Site	291,955.24	303,693.56	318,069.95	MMBtus

Sources of Energy Generated On-Site					
	Baseline	Year 1	Year 2	Year 3	
Calendar Year	2005	2006	2007	2008	Units
Coal					
Natural Gas	129,707	120,420	145,486		MMBtus
Crude Oil					
Fuel Oil					
Diesel					
Propane/LPG					
Gasoline					
Hydrogen Powered Fuel Cells					
Natural Gas/Methane Powered Fuel Cells					
Biomass					
Biodiesel					
Solar					
Wind					
Landfill Gas					
Geothermal					
Hydroelectric					
Tire Derived Fuel					
Other Fuel or Source Specify:					
Total Energy Generated On-Site	129,707.00	120,420.00	145,486.00		MMBtus

C.2.d Total energy use and associated greenhouse gas emissions.

Actual Energy Use Total	Baseline	Year 1	Year 2	Year 3	Perform. Goal	Units
Total Renewable Energy Use	19,852.96	20,651.16	27,988.72		n/a	MMBtus
Total Non-Renewable Energy Use	401,809.28	403,462.39	435,567.23		n/a	MMBtus
Total Energy Use	421,662.24	424,113.56	463,555.95		n/a	MMBtus
Metric Tons of CO₂ Equivalents	77,283.79	79,623.84	82,771.62		n/a	MTCO₂E
Metric Tons of CO₂ Equivalents Offset due to Investments in Green Energy,	2,294	2,294	1,264		2,294	MTCO₂E

e.g. green tags						
Net Metric Tons of CO₂ Equivalents	74,989.79	77,329.84	81,507.62		n/a	MTCO₂E

Normalized Energy Use Total	Baseline	Year 1	Year 2	Year 3	Perform. Goal	Units
Normalizing Factor	1.0	1.057	1.073			
Total Energy Use	421,662.24	401,242.72	432,018.59		402,197.94	MMBtus
Net Metric Tons of CO₂ Equivalents	74,989.79	73,159.74	75,962.37		71,592.08	MTCO ₂ E
Basis for your Normalizing Factor:	Square feet of building space					

Goal 3: Rockwell Collins, Inc. - C Avenue Operations's third goal is to increase the facility's procurement of recycled content, specifically white and colored paper (8.5" x 11", 8.5" x 14", 11" x 17").

C.3.a Briefly describe your activities and achievements related to this goal or, if relevant, any circumstances that delayed progress this year.

We have made significant progress towards this goal in 2007 and all indications are that we will exceed this goal by 2008. On-going efforts on this goal include increased visibility of recycled content paper on web site of preferred vendor (additional steps are necessary to order paper without recycled content) and communication to key paper-ordering groups. As this goal applies to total pounds of paper purchased, we would like to update the normalizing factor to read "Total pounds of 8.5 x 11, 8.5 x 14, 11 x 17 paper purchased".

Activities Conducted During 2006:

Significant progress toward this goal was made in 2006 by increasing awareness across the facility, which impacted ordering decisions of paper purchasers. Ongoing work on this goal will focus on continued communication to key paper-ordering groups, increased visibility of recycled content on paper supplier's website, and root-cause analysis and corrective action for the groups that are not purchasing recycled content paper. As this goal applies to total pounds of paper purchased, we would like to update the Basis for Normalizing Factor to read "Total lbs. of 8.5 x 11, 8.5 x 14, 11 x 17 paper purchased".

Note: 9/14/07 - 2006 actual value was changed at facility's request. Instead of reporting the actual quantity of recycled content, they reported the normalized quantity, which was then "re-normalized" on the report.

C.3.b Describe the data collection process and data source(s) that you used to measure progress towards this goal.

All office supplies, including paper, are purchased through Office Depot (R) through a corporate strategic sourcing initiative. Any paper purchased from Office Depot (R) is reported to the Environmental, Safety and Health (ESH) department monthly and is logged. The paper is sorted for recycled content and total pounds of recycled content can be determined versus total paper purchased.

Note: Normalizing basis was changed to include all paper purchased.

C.3.c Please report your facility's actual performance.

Performance Data						
	Baseline	Year 1	Year 2	Year 3	Perform.	

Calendar Year	2005	2006	2007	2008	Goal	Units
Actual Quantity (per year)	17,579	45,856	51,288		32,723	Pounds

C.3.d Normalized progress toward goal.

Normalized Total	Baseline	Year 1	Year 2	Year 3	Perform. Goal	Units
Normalizing Factor	1.0	1.267	1.286			
Normalized Quantity	17,579	36,192.58	39,881.80		n/a	Pounds
Basis for your Normalizing Factor:	Total Pounds of 8.5 x 11, 8.5 x 14, 11 x 17 Paper Purchased					

Goal 4: Rockwell Collins, Inc. - C Avenue Operations's fourth goal is to reduce the facility's VOC emissions, specifically toluene.

C.4.a Briefly describe your activities and achievements related to this goal or, if relevant, any circumstances that delayed progress this year.

This project is tied mainly to a switch from VOC/HAP based conformal coating formulation blended with Toluene to a water based formulation with less than 10% VOC. Full implementation has been delayed due to rigorous testing and qualification requirements. Expect to have certain areas make the switch by the end of 2008. In 2007 we have identified another opportunity for toluene/VOC reduction in Fabrication on spray gun cleaning and when completed this project will help with the goal as well. We anticipate meeting this goal in 2008 following the implementation of our new water-based conformal coat.

Activities Conducted During 2006:

This goal is tied to a switch from a VOC/HAP-based conformal coating formulation blended with toluene to a water based formulation. Full implementation of the new formulation has been delayed due to operational issues. Designed experiments are currently underway to rectify the issues. While some product lines have implemented this switch, as can be seen in the normalized performance data, significant progress toward this goal will likely be delayed until 2008.

Due to the difference in conformal coating requirements/quantities between product lines, we would like to update the Basis for Normalizing Factor to read "Total gallons of conformal coating used." The usage of conformal coating is directly tied to production across all product lines. This normalization factor most accurately shows the proportion of production utilizing the water-based conformal coating.

C.4.b Describe the data collection process and data source(s) that you used to measure progress towards this goal.

This is tracked by our air permitting reports sent to Linn County Health Department. The reports are generated from our chemical supplier on the assumption that any VOC is an air emission. Only VOC emissions from toluene are reported in this report.

C.4.c Please report your facility's actual performance.

Performance Data						
	Baseline	Year 1	Year 2	Year 3	Perform.	

Calendar Year	2005	2006	2007	2008	Goal	Units
Actual Quantity (per year)	4.291	5.031	5.354		1.073	Tons

C.4.d Normalized progress toward goal.

Normalized Total	Baseline	Year 1	Year 2	Year 3	Perform. Goal	Units
Normalizing Factor	1.0	1.602	1.929			
Normalized Quantity	4.291	3.14	2.78		n/a	Tons
Basis for your Normalizing Factor:	Total gallons of conformal coating purchased.					

Progress Towards Other Significant Aspects of your EMS

In the table below, please provide a narrative summary of progress made toward EMS objectives and targets other than those reported as Environmental Performance Goals. You may limit the summary to environmental aspects that are significant and towards which progress has been made during the reporting year.

Do you have additional environmental aspects to report? Yes

Environmental Aspect	Progress Made This Year (e.g., quantitative or qualitative improvements, activities conducted)
Natural Resources	The completion of a LEED certified building was completed in 2007 while a second building with intentions for certification was started. Building 130 was completed and certified this year while building 131 (right next to it) project began using lessons learned from the previous project.

Attachments (if applicable) :

[Water%20Usage%20Metrics.xls](#)

[Energy%20Usage%20Metrics.xls](#)

[C-Ave%20Paper%20Usage%20Report%202007.xls](#)

[Humiseal%20Consumption%202007.CAve.xls](#)

SECTION D: PUBLIC OUTREACH AND PERFORMANCE REPORTING

D.1.a Please describe your process to identify potential community environmental concerns.

Rockwell Collins reports air and water emissions to Linn County Public Health Department. Representatives are also present at stake-holder meetings for Linn County. Rockwell also has a community feedback link on their website to address concerns written into the company.

D.1.b If you identified community environmental concerns, how did you respond to them?

No specific identified.

D.1.c Please describe how you informed the community about environmental matters related to your facility.

We share information about our environmental program and performance with the public by publishing an annual Corporate Environmental, Health and Safety Report. A copy of the report is forwarded to the local public library and city mayor's office. Additionally, it is made available through our public web site (www.rockwellcollins.com).

Rockwell Collins (RC) contracts with local rehabilitation facilities and volunteer organizations (including Goodwill) for assistance in maintaining recycling and reuse programs.

RC operates a Green Communities Grant Program, which is designed to help fund environmental projects in the communities in which the company operates and recognize and award employees for participation. In 2007, over \$50,000 in funding was distributed across over 45 projects in the 10 U.S. locations, Australia, and France, ranging from reforestation to prairie wetlands ecosystem restoration.

The Rockwell Educational Access to Computer Technology (REACT) center serves as a center for receiving and refurbishing used computers from RC and other businesses. High school students and teachers have the opportunity to receive hands-on training at the REACT Center, building computers for their classrooms.

The facility participates in local voluntary programs, including a sustainability advisory group through the local permitting authority and the Iowa Strategic Goals Program, which is a voluntary program that encourages and assists metal finishing companies in exceeding environmental compliance limits. Facility staff has offered resources to mentor prospective new NEPT members.

Additional information for all of the programs listed above is available at www.rockwellcollins.com.

D.2 Please indicate which of the following methods your facility plans to use to make its Performance Track Annual Performance Report available to the public. Please check all that apply.

Bulletin Board, Building Lobby, Environmental Fairs, Events, Web Site

URL: <http://www.rockwellcollins.com>

OMB No. 2010-0032

SECTION E: SELF-CERTIFICATION OF CONTINUED PROGRAM PARTICIPATION FOR ANNUAL PERFORMANCE REPORT

The U.S. Environmental Protection Agency is not yet in a position to accept electronic signatures and therefore requests a faxed, signed copy of the Section E page. Please complete Section E online, then print Section E using the link on the Overview page. Section E should be signed by the senior manager of your facility and faxed it to the Performance Track Information Center at (617) 354-0463.

On behalf of Rockwell Collins, Inc. - C Avenue Operations, I certify that:

- I have read and agree to the terms and conditions as specified in the National Environmental Performance Track Program Guide. This facility, to the best of my knowledge, continues to meet all program criteria;
- I have personally examined and am familiar with the information contained in this Annual Performance Report. The information contained in this report is, to the best of my knowledge and based on reasonable inquiry, true, accurate, and complete;
- My facility has an environmental management system (EMS), as defined in the Performance Track EMS criteria, including systems to maintain compliance with all applicable federal, state, tribal, and local environmental requirements, in place at the facility, and the EMS will be maintained for the duration of the facility's participation in the program;

- My facility has conducted an objective assessment of its compliance with all applicable federal, state, tribal, and local environmental requirements; and the facility has corrected all identified instances of potential or actual noncompliance; and
- Based on the foregoing compliance assessments and subsequent corrective actions (if any were necessary), my facility is, to the best of my knowledge and based on reasonable inquiry, currently in compliance with applicable federal, state, tribal, and local environmental requirements.

I agree that EPA's decision whether to accept participants into or remove them from the National Environment Performance Track is wholly discretionary, and I waive any right that may exist under any law to challenge EPA's acceptance or removal decision. I am the senior manager with responsibility for the facility and am fully authorized to execute this statement on behalf of the corporation or other legal entity whose facility is part of the National Environmental Performance Track program.

Signature/Date:

Name: Mr. Wayne E. Flory
Title: Sr Director, Advanced Ops & Svcs
Facility Name: Rockwell Collins, Inc. - C Avenue Operations
Facility Street Address: 400 Collins Road NE
MS 105-233
Cedar Rapids, IA 52498

Mailing Address:

,
Performance Track ID#: A070026