

**DBE GOAL METHODOLOGY  
49 CFR PART 26  
DANIEL FIELD AIRPORT  
FY 2019**

A. UPDATE OF GOALS - To make the program as useful as possible to the public, Augusta, Georgia, Sponsor, will update the "amount," "method," and "breakout" portions of this section of the program annually, or as required. The following sections will be submitted to the FAA every year, or as required, for approval: Amount of Overall Goal Section, Method used for Establishing Overall Goals, Process, the Race-Neutral/Race Conscious breakout, and Contract Goals. The material on overall goals in the DBE program will be a shorter summary of the material submitted in the overall goal submission.

B. AMOUNT OF GOAL - The Sponsor's overall goal for FY 2019 is 9.84% of the Federal financial assistance that we will expend in FAA-assisted contracts. We expect to let projects during this FY in the amount of \$1,659,515.00, which means that our DBE goal is set at \$163,296.00 for this Fiscal Year. This overall goal is intended for information of public users of the program, and does not imply that the FAA, as such, has approved the goal.

C. METHOD-STEP 1: In the development of the DBE goal for the Daniel Field Airport, the first step was to establish the availability of ready, willing, and able DBE businesses that were capable of participating in the type of contracts that were programmed during FY 2019. The project that is anticipated at the Daniel Field Airport includes Runway Rehabilitation, along with the professional efforts associated with the project. An analysis of the project indicates that funds will be expended in the following areas:

<b>DANIEL FIELD AIRPORT PROJECT ANALYSIS FY 2019</b>			
<b>TASK</b>	<b>NAICS</b>	<b>AMOUNT</b>	<b>PERCENTAGE</b>
General Contractors	236220	\$225,500	13.59%
Street & Highway	237310	\$1,141,000	68.76%
Hauling	484110	\$137,150	8.26%
Engineering	541330	\$150,865	9.09%
Landscaping	561730	\$5,000	0.30%
<b>TOTAL</b>		<b>\$1,659,515.00</b>	<b>100.00%</b>

The weighting factor is the value of each work item based on cost as a fraction of the whole project.

The formula to be used to calculate the Base Figure for the DBE goal is as follows:

$$\frac{\text{Total DBE Firms in the State by County/ NAICS Code of Work to be Performed}}{\text{Total Firms in the State by County/NAICS Code of Work to be Performed}} \times 100 = \text{Base Figure}$$

The normal market area was not based on an assessment of bidders from recent projects as there have been none to be considered. It was considered reasonable that the market area be based on counties located in the state of Georgia and South Carolina with close proximity to the airport. The following counties in the state of Georgia will be included in the market area: Richmond, Burke, Columbia, Glascock, Jefferson, Warren. The following counties in South Carolina will be included in the market area: Aiken, and Edgefield. A search was initiated with a series of DBE agencies within Georgia and South Carolina for an appropriate DBE Directory. It was agreed that the most comprehensive directory for DBE firms in Georgia and South Carolina was the UCP DBE Directory that was established by the Georgia Department of Transportation and the South Carolina Department of Transportation. This directory contains DBE firms that are certified in accordance with 49 CFR Part 26. The list was further refined by identifying firms that could participate in the project by their appropriate NAICSs. The resulting number will be used as the numerator in determining the Base Figure.

The next step in establishing the Base Figure was to determine our denominator. This was accomplished through the use of the Census Bureau’s County Business Pattern (CBCBP) and the identification of the NAICSs that were the same as those identified from the Directory. With these figures in hand we compute our Base Figure using the following mathematics:

$$\frac{Base}{Figure} = .1359 \left( \frac{GSCNAICS236220}{NAICS236220} \right) + .6876 \left( \frac{GSCNAICS237310}{NAICS237310} \right) + .0826 \left( \frac{GSCNAICS484110}{NAICS484110} \right) + .0909 \left( \frac{GSCNAICS541330}{NAICS541330} \right) + .0030 \left( \frac{GSCNAICS561730}{NAICS561730} \right)$$

GSCNAICS- Georgia/South Carolina DBE Directory NAICS  
 NAICS – Census Bureau’s County Business Pattern (CBCBP) Data Base

$$\frac{Base}{Figure} = .1359 \left( \frac{3}{63} \right) + .6876 \left( \frac{2}{17} \right) + .0826 \left( \frac{2}{22} \right) + .0909 \left( \frac{2}{80} \right) + .0030 \left( \frac{1}{56} \right)$$

$$\frac{Base}{Figure} = .0065 + .0809 + .0075 + .0023 + .0001$$

$$\frac{Base}{Figure} = 9.73\%$$

STEP 2: With the Base Figure established our next step was to more finely tailor this figure to reflect conditions which have occurred at the Daniel Field Airport. The most current disparity study was conducted in FY 2016 by Griffin & Strong, PC for the State of Georgia, and is available for review at the GDOT website. The Sponsor has considered the suggested options outlined in 49 CFR Part 26 and determined past performance is the information that will be used to determine if an adjustment to our Base Figure is warranted. A sampling of like type projects that have taken place in Georgia will be used to determine if an adjustment is required to the Base Figure. To this end, we investigated a series of airports with like type projects. Listed below are the projects that were included for analysis. These projects are of a similar nature and elements to the project that is being anticipated in the 2019 time frame at the Daniel Field Airport:

<b>PREVIOUS FAA PROJECTS LIKE TYPE PROJECTS</b>			
<b>YEAR</b>	<b>LOCATION</b>	<b>PROJECT TYPE</b>	<b>% OF DBE PARTICIPATION</b>
2013	Americus	Apron Expansion	17.35%
2010	Millen	Extend Runway	9.73%
2009	Toccoa	New Terminal Apron	9.94%*
*Median			

The next step was to determine if any adjustment might be needed to the Base Figure. It was felt that the Base Figure should be adjusted to cater for this variance.

A summary of this analysis yields the following:

LIKE TYPE PERCENTAGE	9.94%
BASE FIGURE	+ 9.73%
	19.67% ÷ 2 = 9.84%

Satisfied that the Median Percentage was valid, the final step in the comparison was the development of a simple average of the Base Figure and the Prior Project Participation Percentage to establish a final percentage. The result of this was 9.84%. It was felt that the Base Figure of 9.73% should be adjusted for this variance. The Average Percentage of 9.84% is established as the goal for DBE participation at the Daniel Field Airport for FY 2019.

D. PROCESS - The Sponsor submits its overall goal for FY 2019 to the FAA in February, 2019 for their consideration and approval. Before establishing the overall goal each year, the Sponsor has personally consulted with the stakeholders to obtain information concerning the availability of disadvantaged and non-disadvantaged businesses, and the effects of discrimination on opportunities for DBEs. The Sponsor's efforts are to establish a level playing field for the participation of DBEs. Following this consultation, The Sponsor has published a notice of the proposed overall goal, informing the public that the proposed goal and its rationale are available for inspection during normal business hours at the Sponsor's principal office for 30 days following the date of the notice, and informing the public that the Sponsor and FAA will accept comments on the goals for 30 days from the date of the notice. This information was published on the Sponsor's website at <https://www.augustaga.gov/2293/Compliance>, and made available to

the Office of Minority Business Development at the State of Georgia and South Carolina. Normally, the Sponsor will issue this notice by June 1 of each year. The notice will include the Sponsor’s addresses to which comments may be sent. The overall goal submission to the FAA will include a summary of information and comments received during this public participation process and the Sponsor’s responses. We will begin using our overall goal on October 1 of each year, unless we have received other instructions from DOT (or if the goal is established on a project basis, by the time of the first solicitation for a DOT-assisted contract for the project). Public comments have been requested for the FY 2019 goal and the 30 day comment period is underway. Any comments received from the public advertisement or the other coordination will be evaluated and necessary changes will be made to the goal and included in the contract documents for the project. The following is a listing of companies that were invited to attend the stakeholder consultation: Reeves Construction, E.R. Snell, Kiewit, McCarthy Improvement Company, Beam’s, Astra Group, GMC, MaesAwyr, Augusta, Daniel Field Airport, Augusta Aviation, and Taffy Pippin Consulting.

Consultation discussions were held with the following agencies and persons on January 25, 2019, 1:00 pm CST, with comments/questions received regarding: Small business participation, prompt payment time line, good faith efforts, DBE methodology and DBE Plan timeline submission.

<b>DANIEL FIELD AIRPORT AGENCIES/PERSONS CONSULTED WITH</b>	
Agency/Organization	Discussion/Information
Phyllis Johnson, Interim Director Compliance, Augusta, Georgia	Availabilities of DBEs, Directories, DBE Certification, Small Business & DBE outreach
Steven Gay, Airport Manager Daniel Field Airport	Availabilities of DBEs, Directories, DBE Certification, Small Business & DBE outreach
Becky Shealy, Assistant Airport Manager Daniel Field Airport	Availabilities of DBEs, Directories, DBE Certification, Small Business & DBE outreach
Amanda Hill, Principal MaesAwyr, LLC	Availabilities of DBEs, Directories, DBE Certification, Small Business & DBE outreach
John White, Contractor ER Snell	Availabilities of DBEs, Directories, DBE Certification, Small Business & DBE outreach
Taffy Pippin, Consultant Taffy Pippin Consulting, LLC	Availabilities of DBEs, Directories, DBE Certification, Small Business & DBE outreach
Clayton Pippin, Compliance Taffy Pippin Consulting, LLC	Availabilities of DBEs, Directories, DBE Certification, Small Business & DBE outreach
Bryant Poole, VP, Georgia Transportation GMC	Availabilities of DBEs, Directories, DBE Certification, Small Business & DBE outreach
Christian Long, Contractor ASTRA	Availabilities of DBEs, Directories, DBE Certification, Small Business & DBE outreach
Unidentified Contractor	Availabilities of DBEs, Directories, DBE Certification, Small Business & DBE outreach

E. RACE CONSCIOUS AND RACE NEUTRAL GOALS - The Sponsor will make every feasible effort to meet its goal through race-neutral means. Each time the Sponsor submits an overall goal for review by the FAA, the Sponsor will also submit a projection of the portion of the goal that is expected to be met through race-neutral means and the basis for that projection.

This projection is subject to approval by the FAA, in conjunction with its review of the Sponsor’s overall goal. The Sponsor will establish contract goals to meet any portion of an overall goal when The Sponsor does not project being able to meet goals using race-neutral means.

We estimate that, in meeting our overall goal of 9.84%, we will obtain 9.84% of the goal from race-conscious participation and 0.00% via race-neutral participation measures. This is an attainable goal based on the history of DBE participation in prior projects and the availability of current DBE contractors.

This breakout was established by computing the variance of the level of DBE participation vs. DBE goal on the prior projects considered in Step 2 (see page 3) of the Previous FAA Projects. The following is the data base upon which the level of variance was computed using the “Prior Projects Considered” information:

<b>PROJECT DBE GOAL VARIANCE DANIEL FIELD AIRPORT LIKE TYPE FAA PROJECT</b>				
<b>YEAR</b>	<b>LOCATION</b>	<b>DBE GOAL</b>	<b>% OF DBE PARTICIPATION</b>	<b>VARIANCE</b>
2013	Americus	10.45%	17.35%	6.90%
2010	Millen	9.73%	9.73%	0.00%*
2009	Toccoa	9.94%	9.94%	0.00%
*Median				

**F. CONTRACT GOALS**

Contract goals will be used to meet any portion of the overall goal which the Sponsor does not project being able to meet using race-neutral means. Contract goals are established so that, over the period to which the overall goal applies, they will cumulatively result in meeting any portion of our overall goal that is not projected to be met though the use of race-neutral means.

We will establish contract goals only on those DOT-assisted contracts that have subcontracting possibilities. We need not establish a contract goal on every such contract, and the size of contract goals will be adapted to the circumstances of each such contract (e.g., type and location of work, availability of DBEs to perform the particular type of work).

The Sponsor will express the contract goals as a percentage of the Federal share of a DOT-assisted contract.

G. THREE YEAR GOAL

Based on the methodologies and calculations for FY 2018-FY 2020 at the Daniel Field Airport, the following average is submitted as a three year goal. The projects slated for FY 2018 did not require development of a DBE goal. As the FY 2018 project did not meet the monetary threshold required for goal development 0.00% shall serve as a place holder.

FY 2018	0.00%
FY 2019	9.84%
FY 2020	+ <u>6.73%</u>
	16.57% ÷ 2 = 8.29% Three Year Goal

References:

*Georgia/South Carolina UCP List of Certified DBE Firms January 2019*  
*2016 – U.S. Census Bureau/American Fact Finder, January, 2019*

**FY 2020**

A. Update of Goals - To make the program as useful as possible to the public, Augusta, Georgia, Sponsor, will update the "amount," "method," and "breakout" portions of this section of the program annually, or as required. The following sections will be submitted to the FAA every year, or as required, for approval: Amount of Overall Goal Section, Method used for Establishing Overall Goals, Process, the Race-Neutral/Race Conscious breakout, and Contract Goals. The material on overall goals in the DBE program will be a shorter summary of the material submitted in the overall goal submission.

B. Amount of Goal - The Sponsor's overall goal for FY 2020 is 6.73% of the Federal financial assistance that we will expend in FAA-assisted contracts. We expect to let projects during this FY in the amount of \$1,155,000.00, \$400,000.00 of the grant amount represents Land Acquisition and therefore will not be included in development of the DBE goal, which means that our DBE goal is set at \$50,812.00.00 for this Fiscal Year. This overall goal is intended for information of public users of the program, and does not imply that the FAA, as such, has approved the goal.

C. METHOD-STEP 1: In the development of the DBE goal for the Daniel Field Airport, the first step was to establish the availability of ready, willing, and able DBE businesses that were capable of participating in the type of contracts that were programmed during FY 2020. The project that is anticipated at the Daniel Field Airport includes Obstruction Removal, Lighting, Electrical, Land Acquisition (that will not be considered) along with the professional efforts associated with the project. An analysis of the project indicates that funds will be expended in the following areas:

<b>DANIEL FIELD AIRPORT PROJECT ANALYSIS FY 2020</b>			
<b>TASK</b>	<b>NAICS</b>	<b>AMOUNT</b>	<b>PERCENTAGE</b>
Electrical	238210	\$250,000	33.11%
Real Estate Agents & Brokers	531210	\$65,000	8.61%
Real Estate Appraisal	531320	\$10,000	1.33%
Engineering	541330	\$125,000	16.56%
Survey	541370	\$55,000	7.28%
Landscaping	561730	\$250,000	33.11%
<b>TOTAL</b>		<b>\$755,000.00</b>	<b>100.00%</b>

The weighting factor is the value of each work item based on cost as a fraction of the whole project.

The formula to be used to calculate the Base Figure for the DBE goal is as follows:

Total DBE Firms in the State by County/ NAICS Code of Work to be Performed X 100 = Base Figure Total Firms in the State by County/NAICS Code of Work to be Performed

The normal market area was not based on an assessment of bidders from recent projects as there have been none to be considered. It was considered reasonable that the market area be based on counties located in the state of Georgia and South Carolina with close proximity to the airport. The following counties in the state of Georgia will be included in the market area: Richmond, Burke, Columbia, Glascock, Jefferson, Warren. The following counties in South Carolina will be included in the market area: Aiken, and Edgefield. A search was initiated with a series of DBE agencies within Georgia and South Carolina for an appropriate DBE Directory. It was agreed that the most comprehensive directory for DBE firms in Georgia and South Carolina was the UCP DBE Directory that was established by the Georgia Department of Transportation and the South Carolina Department of Transportation. This directory contains DBE firms that are certified in accordance with 49 CFR Part 26. The list was further refined by identifying firms that could participate in the project by their appropriate NAICSs. The resulting number will be used as the numerator in determining the Base Figure.

The next step in establishing the Base Figure was to determine our denominator. This was accomplished through the use of the Census Bureau’s County Business Pattern (CBCBP) and the identification of the NAICSs that were the same as those identified from the Directory. With these figures in hand we compute our Base Figure using the following mathematics:

$$\frac{Base}{Figure} = .3311\left(\frac{GSCNAICS238210}{NAICS238210}\right) + .0861\left(\frac{GSCNAICS531210}{NAICS531210}\right) + .0133\left(\frac{GSCNAICS531320}{NAICS531320}\right) + .1656\left(\frac{GSCNAICS541330}{NAICS541330}\right) + .0728\left(\frac{GSCNAICS541370}{NAICS541370}\right) + .3311\left(\frac{GSCNAICS561730}{NAICS561730}\right)$$

GSCNAICS- Georgia/South Carolina DBE Directory NAICS  
 NAICS – Census Bureau’s County Business Pattern (CBCBP) Data Base

$$\frac{Base}{Figure} = .3311\left(\frac{2}{104}\right) + .0861\left(\frac{1}{96}\right) + .0133\left(\frac{1}{24}\right) + .1656\left(\frac{2}{80}\right) + .0728\left(\frac{0}{12}\right) + .3311\left(\frac{1}{156}\right)$$

$$\frac{Base}{Figure} = .0064 + .0009 + .0006 + .0041 + .0000 + .0021$$

$$\frac{Base}{Figure} = 1.41\%$$

STEP 2: With the Base Figure established our next step was to more finely tailor this figure to reflect conditions which have occurred at the Daniel Field Airport. The most current disparity study was conducted in FY 2016 by Griffin & Strong, PC for the State of Georgia, and is

available for review at the GDOT website. The Sponsor has considered the suggested options outlined in 49 CFR Part 26 and determined past performance is the information that will be used to determine if an adjustment to our Base Figure is warranted. A sampling of like type projects that have taken place in Georgia will be used to determine if an adjustment is required to the Base Figure. To this end, we investigated a series of airports with like type projects. Listed below are the projects that were included for analysis. These projects are of a similar nature and elements to the project that is being anticipated in the 2020 time frame at the Daniel Field Airport:

<b>PREVIOUS FAA PROJECTS LIKE TYPE PROJECTS</b>			
<b>YEAR</b>	<b>LOCATION</b>	<b>PROJECT TYPE</b>	<b>% OF DBE PARTICIPATION</b>
2016	Thomaston	Clearing/Grading Project	8.76%
2008	Bacon	Lighting	18.00%
2002	Gainesville	Grading/Clearing	12.05%*
*Median			

The next step was to determine if any adjustment might be needed to the Base Figure. It was felt that the Base Figure should be adjusted to cater for this variance.

A summary of this analysis yields the following:

LIKE TYPE PERCENTAGE	12.05%
BASE FIGURE	<u>+ 1.41%</u>
	13.46% ÷ 2 = 6.73%

Satisfied that the Median Percentage was valid, the final step in the comparison was the development of a simple average of the Base Figure and the Prior Project Participation Percentage to establish a final percentage. The result of this was 6.73%. It was felt that the Base Figure of 1.41% should be adjusted for this variance. The Average Percentage of 6.73% is established as the goal for DBE participation at the Daniel Field Airport for FY 2020.

D. PROCESS - The Sponsor submits its overall goal for FY 2020 to the FAA in April, 2019 for their consideration and approval. Before establishing the overall goal each year, the Sponsor has personally consulted with the stakeholders to obtain information concerning the availability of disadvantaged and non-disadvantaged businesses, and the effects of discrimination on opportunities for DBEs. The Sponsor's efforts are to establish a level playing field for the participation of DBEs. Following this consultation, The Sponsor has published a notice of the proposed overall goal, informing the public that the proposed goal and its rationale are available for inspection during normal business hours at the Sponsor's principal office for 30 days following the date of the notice, and informing the public that the Sponsor and FAA will accept comments on the goals for 30 days from the date of the notice. This information was published on the Sponsor's website at <https://www.augustaga.gov/2293/Compliance>, and made available to the Office of Minority Business Development at the State of Georgia and South Carolina. Normally, the Sponsor will issue this notice by June 1 of each year. The notice will include the

Sponsor’s addresses to which comments may be sent. The overall goal submission to the FAA will include a summary of information and comments received during this public participation process and the Sponsor’s responses. We will begin using our overall goal on October 1 of each year, unless we have received other instructions from DOT (or if the goal is established on a project basis, by the time of the first solicitation for a DOT-assisted contract for the project). Public comments have been requested for the FY 2019 goal and the 30 day comment period is underway. Any comments received from the public advertisement or the other coordination will be evaluated and necessary changes will be made to the goal and included in the contract documents for the project. The following is a listing of companies that were invited to attend the stakeholder consultation: Graham County Land Company, GMC, MaesAwyr, Augusta, Daniel Field Airport, Augusta Aviation, and Taffy Pippin Consulting.

Consultation discussions were held with the following agencies and persons on April 29, 2019, 10:00 am CST pm with comments/questions received regarding: No comments or questions were received.

<b>DANIEL FIELD AIRPORT AGENCIES/PERSONS CONSULTED WITH</b>	
Amanda Hill, Principal MaesAwyr, LLC	Availabilities of DBEs, Directories, Goal Setting, Small Business & DBE outreach
Taffy Pippin, Consultant Taffy Pippin Consulting, LLC	Availabilities of DBEs, Directories, Goal Setting, Small Business & DBE outreach
Clayton Pippin, Compliance Taffy Pippin Consulting, LLC	Availabilities of DBEs, Directories, Goal Setting, Small Business & DBE outreach
Jason Marino Graham County Land Company	Availabilities of DBEs, Directories, Goal Setting, Small Business & DBE outreach
Barbara Hill, Executive Assistant Daniel Field Airport	Availabilities of DBEs, Directories, Goal Setting, Small Business & DBE outreach
Rhonda Davis, PE GMC	Availabilities of DBEs, Directories, Goal Setting, Small Business & DBE outreach
Becky Shealy, Assistant Airport Manager Daniel Field Airport	Availabilities of DBEs, Directories, Goal Setting, Small Business & DBE outreach

E. RACE CONSCIOUS AND RACE NEUTRAL GOALS - The Sponsor will make every feasible effort to meet its goal through race-neutral means. Each time the Sponsor submits an overall goal for review by the FAA, the Sponsor will also submit a projection of the portion of the goal that is expected to be met through race-neutral means and the basis for that projection. This projection is subject to approval by the FAA, in conjunction with its review of the Sponsor’s overall goal. The Sponsor will establish contract goals to meet any portion of an overall goal when The Sponsor does not project being able to meet goals using race-neutral means.

We estimate that, in meeting our overall goal of 6.73%, we will obtain 4.72% of the goal from race-conscious participation and 2.01% via race-neutral participation measures.

This breakout was established by computing the variance of the level of DBE participation vs. DBE goal on the prior projects considered in Step 2 (see page 9) of the Previous FAA Projects.

The following is the data base upon which the level of variance was computed using the “Prior Projects Considered” information:

PROJECT DBE GOAL VARIANCE DANIEL FIELD AIRPORT LIKE TYPE FAA PROJECT				
YEAR	LOCATION	DBE GOAL	% OF DBE PARTICIPATION	VARIANCE
2016	Thomaston	9.57%	8.76%	-0.81%
2008	Bacon	6.02%	18.00%	11.98%
2002	Gainesville	10.04%	12.05%	2.01%*
*Median				

**F. Contract Goals**

Contract goals will be used to meet any portion of the overall goal which the Sponsor does not project being able to meet using race-neutral means. Contract goals are established so that, over the period to which the overall goal applies, they will cumulatively result in meeting any portion of our overall goal that is not projected to be met through the use of race-neutral means.

We will establish contract goals only on those DOT-assisted contracts that have subcontracting possibilities. We need not establish a contract goal on every such contract, and the size of contract goals will be adapted to the circumstances of each such contract (e.g., type and location of work, availability of DBEs to perform the particular type of work).

The Sponsor will express the contract goals as a percentage of the Federal share of a DOT-assisted contract.

**G. THREE YEAR GOAL**

Based on the methodologies and calculations for FY 2018-FY 2020 at the Daniel Field Airport, the following average is submitted as a three year goal. The projects slated for FY 2018 did not require development of a DBE goal. As the FY 2018 project did not meet the monetary threshold required for goal development 0.00% shall serve as a place holder.

FY 2018	0.00%
FY 2019	9.84%
FY 2020	+ <u>6.73%</u>
	16.57% ÷ 2 = 8.29% Three Year Goal

References:  
 Georgia/South Carolina UCP List of Certified DBE Firms January 2019  
 2016 – U.S. Census Bureau/American Fact Finder, January, 2019