



|            |                                         |
|------------|-----------------------------------------|
| Estudiante | Londono Vera Victor Alonso (vilondono3) |
| Jugada No. | 5                                       |
| Participó  | Si                                      |

## COSTOS DE LA PLANEACIÓN AGREGADA

| Período    | Inventario | Costo MOD   | Costo Contratar/<br>Despedir | Costo Inventarios | Costo Subcontratar | Costo Período |
|------------|------------|-------------|------------------------------|-------------------|--------------------|---------------|
| Enero      | 16,109     | \$7,000,000 | \$900,000                    | \$48,327,000      | \$0                | \$56,227,000  |
| Febrero    | 32,104     | \$7,000,000 | \$0                          | \$96,312,000      | \$0                | \$103,312,000 |
| Marzo      | 48,064     | \$7,000,000 | \$0                          | \$144,192,000     | \$0                | \$151,192,000 |
| Abril      | 63,963     | \$7,000,000 | \$0                          | \$191,889,000     | \$0                | \$198,889,000 |
| Mayo       | 79,839     | \$7,000,000 | \$0                          | \$239,517,000     | \$0                | \$246,517,000 |
| Junio      | 95,681     | \$7,000,000 | \$0                          | \$287,043,000     | \$0                | \$294,043,000 |
| Julio      | 111,471    | \$7,000,000 | \$0                          | \$334,413,000     | \$0                | \$341,413,000 |
| Agosto     | 129,584    | \$8,000,000 | \$300,000                    | \$388,752,000     | \$0                | \$397,052,000 |
| Septiembre | 147,651    | \$8,000,000 | \$0                          | \$442,953,000     | \$0                | \$450,953,000 |
| Octubre    | 165,643    | \$8,000,000 | \$0                          | \$496,929,000     | \$0                | \$504,929,000 |
| Noviembre  | 183,568    | \$8,000,000 | \$0                          | \$550,704,000     | \$0                | \$558,704,000 |
| Diciembre  | 201,458    | \$8,000,000 | \$0                          | \$604,374,000     | \$0                | \$612,374,000 |

|                         |                 |
|-------------------------|-----------------|
| Costo Total             | \$3,915,605,000 |
| Costo Unitario Promedio | \$18,331        |

## MEDIDAS DE DESEMPEÑO

|                           |       |
|---------------------------|-------|
| Tasa de utilización de la | 1.52% |
|---------------------------|-------|



|                                    |        |
|------------------------------------|--------|
| capacidad                          |        |
| Tasa de eficiencia de la capacidad | 1.46%  |
| Colchón de capacidad               | 98.48% |

## PROGRAMACIÓN DE LA PRODUCCIÓN

|                          |               |
|--------------------------|---------------|
| Makespan                 | Viernes 21:00 |
| Tiempo de flujo promedio | 42.6 Horas    |
| Retardo                  | 44 Horas      |
| Tardanza media           | 9.6 Horas     |
| Tardanza ponderada       | 217           |