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# Aircraft maintenance, routing, and crew scheduling planning for airlines with a single fleet and a single maintenance and crew base

Jenny Díaz-Ramírez <sup>a</sup>  , José Ignacio Huertas <sup>b</sup>  , Federico Trigos <sup>c</sup>  

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### Highlights

- Sequential and integrated aircraft maintenance routing and crew scheduling problems.
- Heuristics for first feasible solution of the CSP.
- Labeling algorithm to solve the pricing problem of the column generation.
- Approaches tested with real data from 3 different Latin American airlines.

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