

[Get PDF](#)

## DEFORMED SHAPE CALCULATION OF A FULL-SCALE WING USING FIBER OPTIC STRAIN DATA FROM A GROUND LOADS TEST



Deformed Shape Calculation of a Full-Scale Wing Using Fiber Optic Strain Data from a Ground Loads Test

NASA Technical Reports Server (NTRS), et al., Christine V. Jutte

Bibliogov, United States, 2013. Paperback. Book Condition: New. 246 x 189 mm. Language: English . Brand New Book \*\*\*\*\* Print on Demand \*\*\*\*\*.A ground loads test of a full-scale wing (175-ft span) was conducted using a fiber optic strain-sensing system to obtain distributed surface strain data. These data were input into previously developed deformed shape equations to calculate the wing's bending and twist deformation. A photogrammetry system measured actual shape deformation. The wing deflections reached 100 percent of the...

[Read PDF Deformed Shape Calculation of a Full-Scale Wing Using Fiber Optic Strain Data from a Ground Loads Test](#)

- Authored by Christine V Jutte
- Released at 2013



[DOWNLOAD PDF](#)

Filesize: 5.75 MB

### Reviews

*Unquestionably, this is actually the greatest function by any writer. We have go through and so i am confident that i am going to gonna read through once more once again later on. I am just happy to explain how this is actually the very best book i have got go through during my individual existence and might be he greatest ebook for ever.*

-- Wilbert Connelly

*This composed pdf is great. It usually will not cost too much. I am very easily can get a pleasure of reading a composed book.*

-- Luis Klein

*A top quality pdf and also the font applied was fascinating to learn. it was actually writtern extremely properly and valuable. I discovered this publication from my i and dad recommended this publication to find out.*

-- Jan Schowalter