Summary

Affected component is --pages option.

Details

Build from source code with afl-clang-fast and ASAN enabled:

```
cmake -DCMAKE_C_COMPILER=afl-clang-fast -DCMAKE_CXX_COMPILER=afl-clang-fast++ -S
. -B build -DCMAKE_BUILD_TYPE=RelWithDebInfo
cmake -DCMAKE_C_COMPILER=afl-clang-fast -DCMAKE_CXX_COMPILER=afl-clang-fast++ --
build build
AFL_USE_ASAN=1 make
```

When use --pages options with a crafted pdf file:

```
/home/n0zom1z0/qpdf-11.9.1/build/qpdf/qpdf ./c4 --pages ./c4 1 -- ../../tmp/output.pdf
```

error occurs:

```
MRNING: ./-4 (object 777777004 0, offset 546): unknown token while reading object; treating as string
WARNING: ./-4 (object 777777004 0, offset 549): unknown token while reading object; treating as string
WARNING: ./-4 (object 777777004 0, offset 549): unknown token while reading object; treating as string
WARNING: ./-4 (object 777777004 0, offset 549): unknown token while reading object; treating as string
WARNING: ./-4 (object 777777004 0, offset 660): parse error while reading object
WARNING: ./-4 (object 777777004 0, offset 660): parse error while reading object
WARNING: ./-4 (object 777777004 0, offset 660): unexpected EOF
WARNING: ./-4 (object 777777004 0, offset 660): parse error while reading object
WARNING: ./-4 (object 777777004 0, offset 660): EOF after endobj
WARNING: ./-4 (object 777777004 0, offset 660): EOF after endobj
WARNING: ./-4 (object 2 0 at offset 154: operation for dictionary attempted on object of type integer: ignoring key replacement request
WARNING: ./-4 (object 2 0 at offset 154: operation for dictionary attempted on object of type integer: returning null for attempted key retrieval
WARNING: ./-4 (object 2 0 at offset 154: operation for dictionary attempted on object of type integer: returning false for a key containment request
WARNING: ./-4 (object 2 0 at offset 154: operation for dictionary attempted on object of type integer: returning false for a key containment request
WARNING: ./-4 (object 2 0 at offset 154: operation for dictionary attempted on object of type integer: ignoring key replacement request
WARNING: ./-4 (object 2 0 at offset 154: operation for dictionary attempted on object of type integer: returning null for attempted key retrieval
WARNING: ./-4 (object 2 0 at offset 154: operation for dictionary attempted on object of type integer: ignoring key replacement request
WARNING: ./-4 (object 2 0 at offset 154: operation for dictionary attempted on object of type integer: ignoring key replacement request
WARNING: ./-4 (object 2 0 at offset 154: operation for dictionary
```

And I upload this crafted pdf file here: https://drive.google.com/drive/folders/1CrWh5kDE6nFCdye <a href="https://drive.google.com/drive/folders/1CrWh5kDE6nFCdye <a href="https://dr

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```
/home/n0zom1z0/qpdf-11.9.1/build/qpdf/qpdf ./c4 --pages ./c4 1 --
../../tmp/output.pdf
```

```
MARRING: ./c4 (object 777777004 0, offset 546): unknown token while reading object; treating as string
WARRING: ./c4 (object 777777004 0, offset 549): unknown token while reading object; treating as string
WARRING: ./c4 (object 777777004 0, offset 549): unknown token while reading object; treating as string
WARRING: ./c4 (object 777777004 0, offset 537): unknown token while reading object; treating as string
WARRING: ./c4 (object 777777004 0, offset 537): unknown token while reading object; treating as string
WARRING: ./c4 (object 777777004 0, offset 604): parse error while reading object; treating as string
WARRING: ./c4 (object 777777004 0, offset 604): parse error while reading object
WARRING: ./c4 (object 777777004 0, offset 604): persetion for dictionary attempted on object of type integer: ignoring key replacement request
WARRING: ./c4, object 2 0 at offset 154: operation for dictionary attempted on object of type integer: returning null for attempted key retrieval
WARRING: ./c4, object 2 0 at offset 154: operation for dictionary attempted on object of type integer: returning false for a key containment request
WARRING: ./c4, object 2 0 at offset 154: operation for dictionary attempted on object of type integer: returning false for a key containment request
WARRING: ./c4, object 2 0 at offset 154: operation for dictionary attempted on object of type integer: ignoring key replacement request
WARRING: ./c4, object 2 0 at offset 154: operation for dictionary attempted on object of type integer: ignoring key replacement request
WARRING: ./c4, object 2 0 at offset 154: operation for dictionary attempted on object of type integer: ignoring key replacement request
WARRING: ./c4, object 2 0 at offset 154: operation for dictionary attempted on object of type integer: ignoring key replacement request
WARRING: ./c4, object 2 0 at offset 154: operation for dictionary attempted on object of type integer: ignoring key replacement request
WARRING: ./c4, object 2 0 at offset 154: operation for dictionary attempted on obj
```